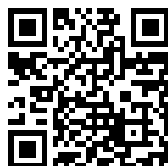

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HAND BOOK *of* GASOLINE
AUTOMOBILES

NINETEEN HUNDRED AND FIVE



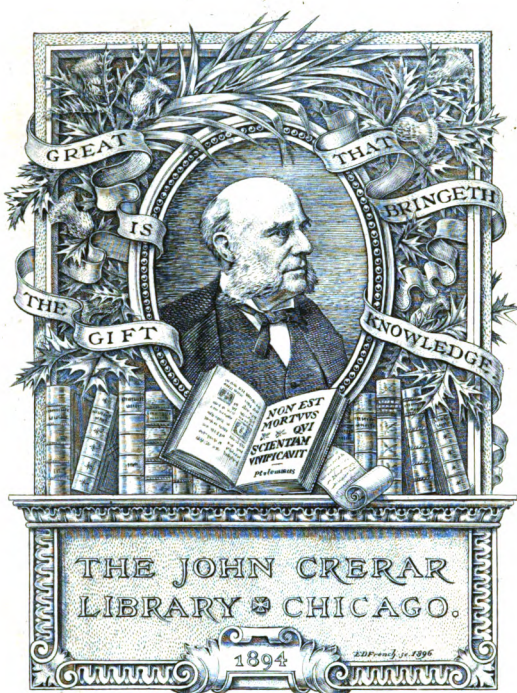
HAND I

AU

NINETEEN

AUTOMOBILES

NINETEEN HUNDRED AND FIVE



PRESENTED BY

*Assoc. of Licensed Automobile manu-
facturers*

Hand Book of
Gasoline
Automobiles

Hand Book of

THE
JOHN C. BROWN
LIBRARY

Gasoline Automobiles

For the information of the
public who are interested
in their manufacture
and use

1905

Association of Licensed Automobile
Manufacturers

7 East 42d Street, New York City, U. S. A.

52

347
#A8380 0804
V8A88U

Copyright, 1905, by the
Association of Licensed Automobile Manufacturers
New York City, N. Y.

Bartlett & Company, The Orr Press, New York

Second Annual Announcement

THIS "Hand Book," like its predecessor, is issued primarily for the convenience and information of the prospective purchaser of an automobile. The successful results which attended the initial issue for 1904 have fully justified the "Hand Book" in its present standardized form as a permanent annual publication. The products of the principal manufacturers throughout the United States of America and the importers of gasoline machines are shown by illustrations and specifications. These specifications form a series of the leading questions that arise in the mind of the purchaser, with the answers thereto in red ink. The questions being uniform, the ease of comparison is obvious and the purchaser is enabled to select the machines which are best suited to the service required, to his personal taste, or the means at his command.

It is believed by the several manufacturers who have united in producing this publication that this disinterested method of placing before the purchaser this means of comparison will be found of great advantage.

Each manufacturer or importer conducts his business entirely independent of the other, and, of course, in open competition, but the recognition by the companies represented herein of the basic patent No. 549,160, granted to George B. Selden, November 5th, 1895, on gasoline automobiles (which controls broadly all gasoline automobiles which are accepted as commercially practicable), is a guarantee that a purchase through the several companies herein represented, or through any one of their agents, secures to the purchaser freedom from the annoyance and expense of litigation because of infringement of this patent.

Catalogues of individual makers, giving further details, should be obtained of the agent in your vicinity or can be had by addressing any company represented in this book, using one of the "catalogue request blanks" on pages 123, 125 and 127.

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The following manufacturers and importers are licensed under the basic patent No. 549,160, granted to George B. Selden, dated November 5th, 1895, and are the owners of about 400 other patents on

Gasoline Automobiles

The Commissioner of patents in his annual report for the year 1895, said: "Selden, in 1895, received a patent, November 5th, No. 549,160, which may be considered the pioneer invention in the application of the compression gas engine to road or horseless carriage use."

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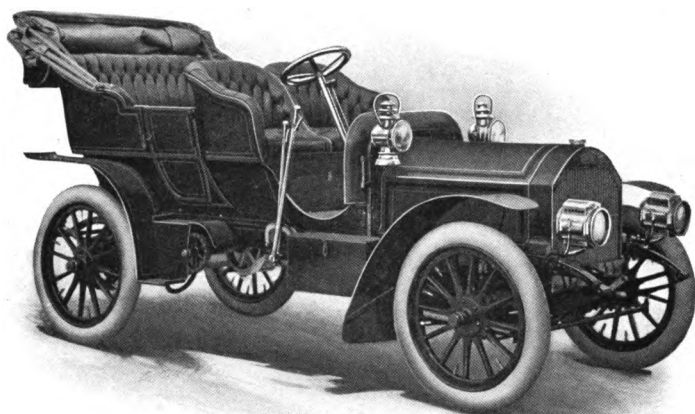
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APPERSON BROTHERS AUTOMOBILE COMPANY, KOKOMO, IND.



Price

with top
\$3650
without top
\$3500

Model: TOURING MODEL "B."

Body: Wood.

Color: Optional.

Seating capacity: Five persons.

Total weight: 2400 pounds.

Wheel base: 102 inches.

Wheel tread: 56 inches.

Tire dimensions, front: 815 x 105 m/m.

Tire dimensions, rear: 875 x 105 m/m.

Steering: Worm and segmit, irreversible.

Brakes: Foot and hand emergency.

Gasoline capacity: 23 gallons.

Frame: Pressed steel.

Horse-power: 24.

Number of cylinders: Four.

Cylinders arranged: Vertical separately.

Cooling: Water, radiator and fan.

Ignition: Jump spark.

Drive: Shaft or double chain.

Transmission: Sliding gear.

Speeds: Either three or four forward and one reverse.

Style of top: Full cape top.

Descriptive catalogue sent upon application to the above-named company.

APPERSON BROTHERS AUTOMOBILE COMPANY, KOKOMO, IND.



Price

with top
\$4150
without top
\$4000

Model: TOURING CAR MODEL
"A."

Body: Wood.

Color: Optional.

Seating capacity: Seven persons.

Total weight: 2600 pounds.

Wheel base: 108 inches.

Wheel tread: 56 inches.

Tire dimensions, front: 815 x 105 m/m.

Tire dimensions, rear: 875 x 120 m/m.

Steering: Worm and segmit, irreversible.

Brakes: Foot and hand emergency.

Gasoline capacity: 23 gallons.

Frame: Pressed steel.

Horse-power: 40.

Number of cylinders: Four.

Cylinders arranged: Separately.

Cooling: Water, radiator and fan.

Ignition: Jump spark.

Drive: Double chain.

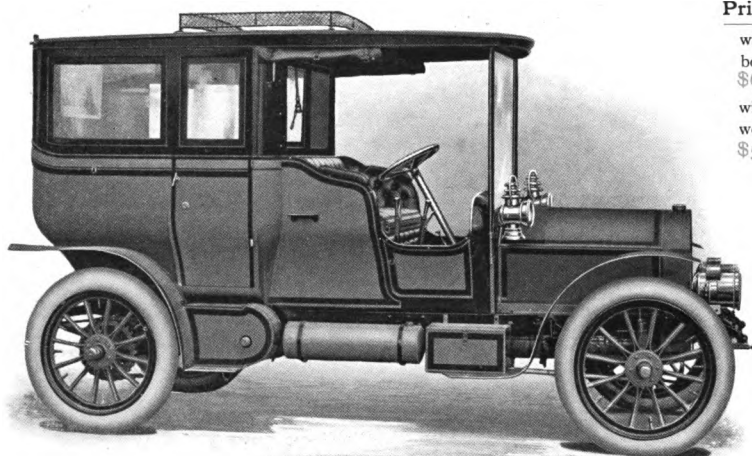
Transmission: Sliding gear.

Speeds: Four forward and one reverse.

Style of top: Full cape top.

Descriptive catalogue sent upon application to the above-named company.

APPERSON BROTHERS AUTOMOBILE COMPANY, KOKOMO, IND.



Price

with limousine
body
\$6500
with standard
wood body
\$5150

Model : APPERSON SPECIAL.

Body : Wood.

Color : Optional.

Seating capacity : Seven persons.

Total weight : 2800 pounds.

Wheel base : 114 inches.

Wheel tread : 56 inches.

Tire dimensions, front : 815 x 105 m/m.

Tire dimensions, rear : 875 x 120 m/m.

Steering : Worm and segmit, irreversible.

Brakes : Foot and hand emergency, double acting.

Gasoline capacity : 23 gallons.

Frame : Pressed steel.

Horse-power : 50.

Number of cylinders : Four.

Cylinders arranged : Vertical in front.

Cooling : Water, radiator, pump and fan.

Ignition : Jump spark.

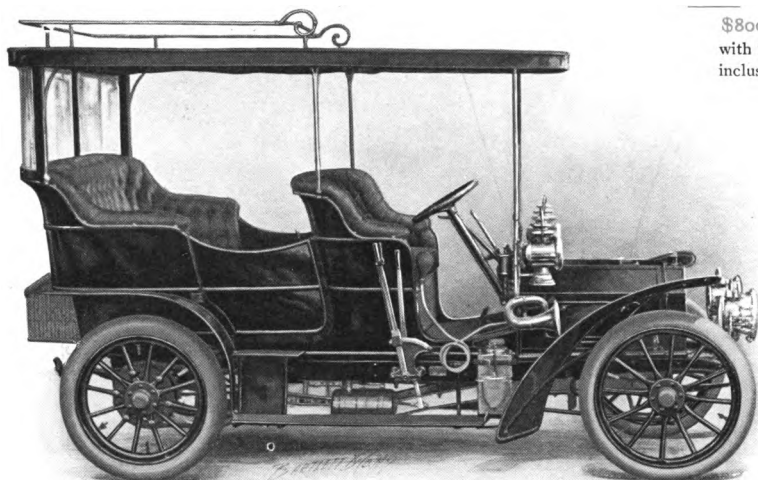
Drive : Double chain.

Transmission : Sliding gear.

Speeds : Four forward and one reverse.

Style of top : Full collapsible or victoria on open car.

Descriptive catalogue sent upon application to the above-named company.



Price

\$8000
with top
inclusive

Model: ROCHET - SCHNEIDER.
1905.

Body: With double side doors, any
style.

Color: To suit.

Seating capacity: Five to seven per-
sons.

Total weight: 2200 pounds.

Wheel base: 9 feet 6½ inches.

Wheel tread: 4 feet 7 inches.

Tire dimensions, front: 920 x 120 m/m.

Tire dimensions, rear: 920 x 120 m/m.

Steering: Wheel, worm gear.

Brakes: Four double-acting, metal to
metal.

Gasoline capacity: 30 gallons.

Frame: Pressed steel, one piece in-
cluding under frame.

Horse-power: 24-35 (also 35-50).

Number of cylinders: Four.

Cylinders arranged: 24-35 vertical
tandem (35-50 individual).

Cooling: Water, new form honey-
comb radiator with fan and pump.

Ignition: Magneto, low tension.

Drive: Double-roller chains.

Transmission: Spur gear ball bearing.

Speeds: Four forward, one reverse ;
fourth speed direct.

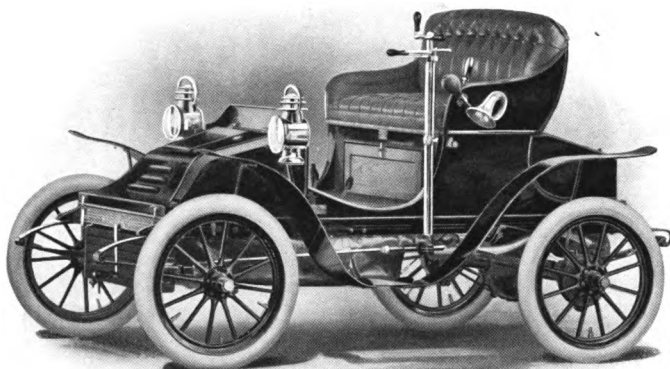
Style of top: As desired.

Descriptive catalogue sent upon application to the above-named company.

THE AUTOCAR COMPANY, ARDMORE, PA.

Price

without top
\$900



Model: TYPE X.

Body: Runabout.

Color: Blue.

Seating capacity: Two to three persons.

Total weight: 1200 pounds.

Wheel base: 70 inches.

Wheel tread: 52 inches.

Tire dimensions, front: 28 x 3 inches.

Tire dimensions, rear: 28 x 3 inches.

Steering: Side lever.

Brakes: Two external band hub brakes, one pinion shaft brake.

Gasoline capacity: 9 gallons.

Frame: Armored wood.

Horse-power: 10-12.

Number of cylinders: Two.

Cylinders arranged: Horizontal opposed, in front.

Cooling: Water, tubular radiator, fan and centrifugal pump.

Ignition: Jump spark and dry cells.

Drive: Gear driven.

Transmission: Slide gear.

Speeds: Three forward, one reverse.

Style of top: No top furnished.

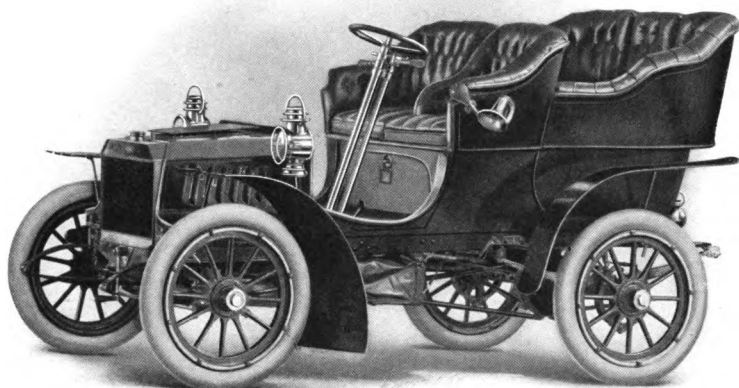
Descriptive catalogue sent upon application to the above-named company.

THE AUTOCAR COMPANY, ARDMORE, P.A.

Price

without top

\$1400



Model: TYPE VIII.

Body: Rear-entrance tonneau, divided front seat.

Color: Green or red.

Seating capacity: Four persons.

Total weight: 1700 pounds.

Wheel base: 76 inches.

Wheel tread: 54 inches.

Tire dimensions, front: 30 x 3½ inches.

Tire dimensions, rear: 30 x 3½ inches.

Steering: Wheel.

Brakes: Two external band hub brakes, one pinion shaft brake.

Gasoline capacity: 10 gallons.

Frame: Armored wood.

Horse-power: 12-14.

Number of cylinders: Two.

Cylinders arranged: Horizontal opposed, in front.

Cooling: Water, cellular radiator, fan and centrifugal pump.

Ignition: Jump spark and dry cells.

Drive: Gear driven.

Transmission: Slide gear.

Speeds: Three forward, one reverse.

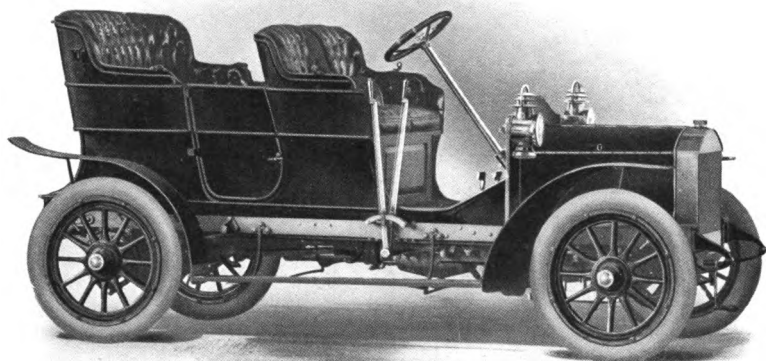
Style of top: No top furnished.

Descriptive catalogue sent upon application to the above-named company.

THE AUTOCAR COMPANY, ARDMORE, PA

Price

without top
\$2000



Model: TYPE XI.

Body: Double side-entrance tonneau, divided front seat.

Color: Blue.

Seating capacity: Four to five persons.

Total weight: 1900 pounds.

Wheel base: 96 inches.

Wheel tread: 54 inches.

Tire dimensions, front: $30 \times 3\frac{1}{2}$ inches.

Tire dimensions, rear: $30 \times 3\frac{1}{2}$ inches.

Steering: Wheel.

Brakes: Two external band hub brakes, emergency brake on main transmission shaft.

Gasoline capacity: 15 gallons.

Frame: Wood armored with pressed steel.

Horse-power: 16-20.

Number of cylinders: Four.

Cylinders arranged: Vertical tandem in front.

Cooling: Water, cellular radiator, fan and centrifugal pump.

Ignition: Jump spark and storage battery.

Drive: Gear driven.

Transmission: Slide gear.

Speeds: Three forward, one reverse.

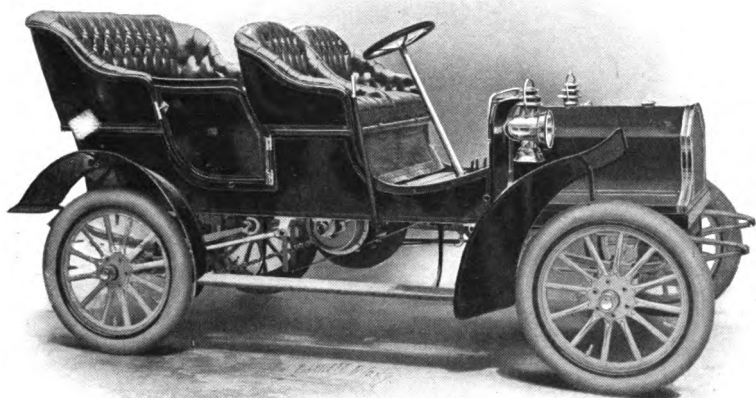
Style of top: Special top designed, not furnished by company.

Descriptive catalogue sent upon application to the above-named company.

BUICK MOTOR COMPANY, JACKSON, MICHIGAN

Price

\$1200



Model : BUICK "C."

Body : Wood, side-door entrance.

Color : Royal blue body ; running gear, ivory white.

Seating capacity : Five persons.

Total weight : 1740 pounds.

Wheel base : 85 inches.

Wheel tread : 56 inches.

Tire dimensions, front : 30 x 3 $\frac{1}{2}$ inches.

Tire dimensions, rear : 30 x 3 $\frac{1}{2}$ inches.

Steering : Wheel with tilting column.

Brakes : Raymond double acting on differential.

Gasoline capacity : 16 gallons.

Frame : Angle steel.

Horse-power : 22.

Number of cylinders : Two.

Cylinders arranged : Horizontal, double opposed.

Cooling : Water.

Ignition : Jump spark with dry cells.

Drive : Single chain.

Transmission : Planetary.

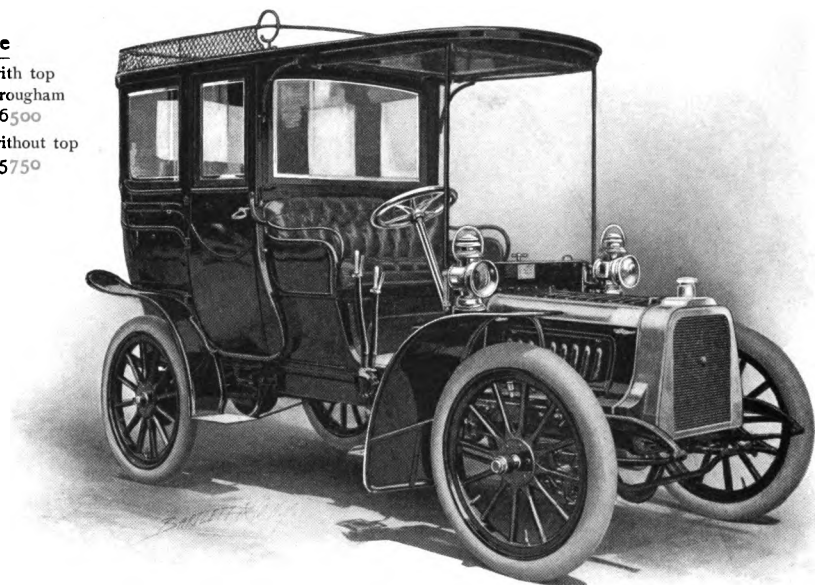
Speeds : Two forward, one reverse.

Style of top : Canopy or cape cart.

Descriptive catalogue sent upon application to the above-named company.

Price

with top
brougham
\$6500
without top
\$5750



Model: CLEMENT-BAYARD.

Body: Double side-entrance tonneau, landaulet or brougham.

Color: Blue and yellow, green and yellow, red and red.

Seating capacity: Six persons.

Total weight: 2500 pounds; open body, 2250 pounds.

Wheel base: 108 inches.

Wheel tread: 56 inches.

Tire dimensions, front: 34 x 4 $\frac{1}{4}$ inches.

Tire dimensions, rear: 34 x 4 $\frac{1}{4}$ inches.

Steering: Wheel, through irreversible worm gear.

Brakes: Two, internal expansion, double acting.

Gasoline capacity: 12 to 18 gallons.

Frame: Pressed steel.

Horse-power: 24 (also 20, \$5250).

Number of cylinders: Four.

Cylinders arranged: Separate, vertically.

Cooling: Water, honeycomb radiator with fan and pump.

Ignition: Jump spark with high-tension magneto.

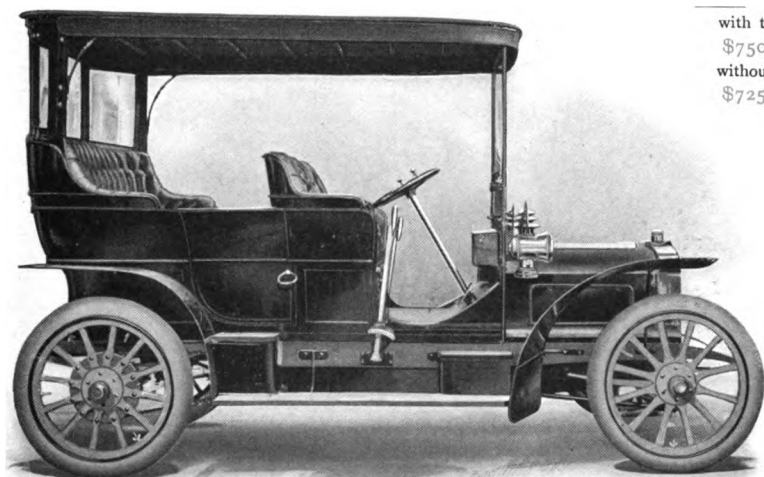
Drive: Bevel gear through live axle.

Transmission: Sliding gears, direct drive on high.

Speeds: Four forward, one reverse.

Style of top: Cape or canopy.

Descriptive catalogue sent upon application to the above-named company.



Price

with top
\$7500
without top
\$7250

Model: CLEMENT-BAYARD.

Body: Double side-entrance body, landaulet or brougham.

Color: Blue and yellow, green and yellow, red and red.

Seating capacity: Five persons.

Total weight: 2300 pounds, with top
2500 pounds.

Wheel base: 112 inches.

Wheel tread: 56 inches.

Tire dimensions, front: 34 x 4 $\frac{1}{4}$ inches.

Tire dimensions rear: 34 x 4 $\frac{1}{4}$ inches.

Steering: Wheel, through irreversible worm gear.

Brakes: Two, internal expansion, double acting.

Gasoline capacity: 12-18 gallons.

Frame: Pressed steel, frame and pan one piece, special design.

Horse-power: 30.

Number of cylinders: Four.

Cylinders arranged: Separate, vertically.

Cooling: Water, honeycomb radiator with fan and pump.

Ignition: Jump spark with high-tension magneto.

Drive: Chain.

Transmission: Sliding gears, direct drive on high.

Speeds: Four forward, one reverse.

Style of top: Cape or canopy.

Descriptive catalogue sent upon application to the above-named company.

Price

with top

\$8900

without top

\$8750



Model: CLEMENT-BAYARD.

Body: Double side-entrance tonneau, landaulet or brougham.

Color: Blue and yellow, green and yellow, red and red.

Seating capacity: Five, possible seven persons.

Total weight: 2500 pounds.

Wheel base: 115 inches.

Wheel tread: 56 inches.

Tire dimensions, front: 36 x 4 $\frac{1}{4}$ inches.

Tire dimensions, rear: 36 x 4 $\frac{1}{4}$ inches.

Steering: Wheel through irreversible worm gear

Brakes: Internal expansion, double acting.

Gasoline capacity: 15-20 gallons.

Frame: Pressed steel, frame and pan one piece, special design.

Horse-power: 45.

Number of cylinders: Four

Cylinders arranged: Separate, vertically.

Cooling: Water, honeycomb radiator with fan and pump.

Ignition: Jump spark with high-tension magneto.

Drive: Chain

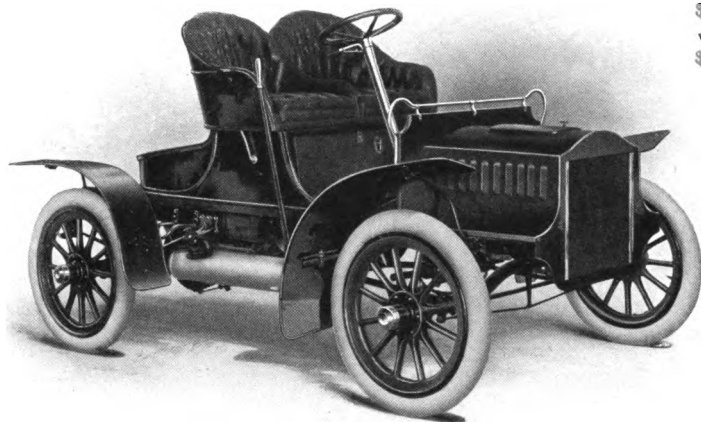
Transmission: Sliding gears, direct drive on high, ball bearing.

Speeds: Four forward, one reverse.

Style of top: Cape or canopy.

Descriptive catalogue sent upon application to the above-named company.

CADILLAC AUTOMOBILE CO., DETROIT, MICHIGAN



Price

with top
\$800
without top
\$750

Model: "E" LIGHT RUNABOUT.

Body: Wood.

Color: Brewster green.

Seating capacity: Two persons.

Total weight: 1100 pounds.

Wheel base: 74 inches.

Wheel tread: 56½ inches, option on
61 inches.

Tire dimensions, front: 28 x 3 inches.

Tire dimensions, rear: 28 x 3 inches.

Steering: Wheel.

Brakes: Double acting on differential

Gasoline capacity: 7 gallons.

Frame: Pressed steel.

Horse-power: 9.

Number of cylinders: One.

Cylinder arranged: Horizontal under
body.

Cooling: Water.

Ignition: Jump spark.

Drive: Chain.

Transmission: Planetary.

Speeds: Two forward and reverse.

Style of top: Leather.

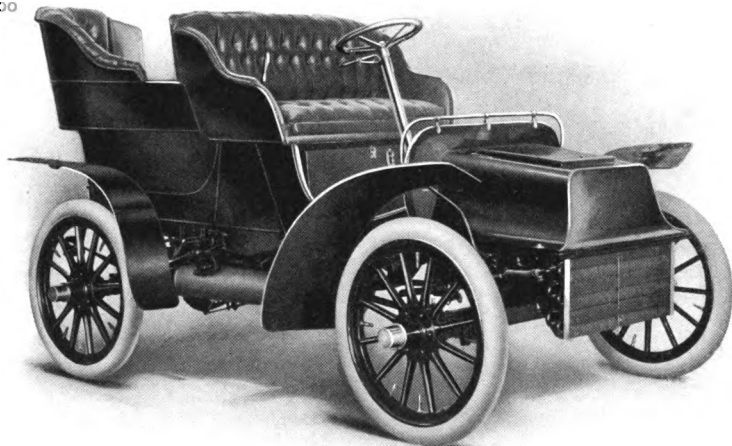
Descriptive catalogue sent upon application to the above-named company.

CADILLAC AUTOMOBILE CO., DETROIT, MICHIGAN

Price

without top

\$900



Model: "B" DETACHABLE TON-
NEAU TOURING CAR.

Body: Wood.

Color: Brewster green, primrose
running gear.

Seating capacity: Four persons.

Total weight: 1460 pounds.

Wheel base: 76 inches.

Wheel tread: 56 1/2 inches.

Tire dimensions, front: 30 x 3 inches.

Tire dimensions, rear: 30 x 3 inches.

Steering: Wheel.

Brakes: Double acting on differential.

Gasoline capacity: 7 gallons.

Frame: Pressed steel.

Horse-power: 9.

Number of cylinders: One.

Cylinder arranged: Horizontal under
body.

Cooling: Water.

Ignition: Jump spark.

Drive: Direct chain.

Transmission: Planetary.

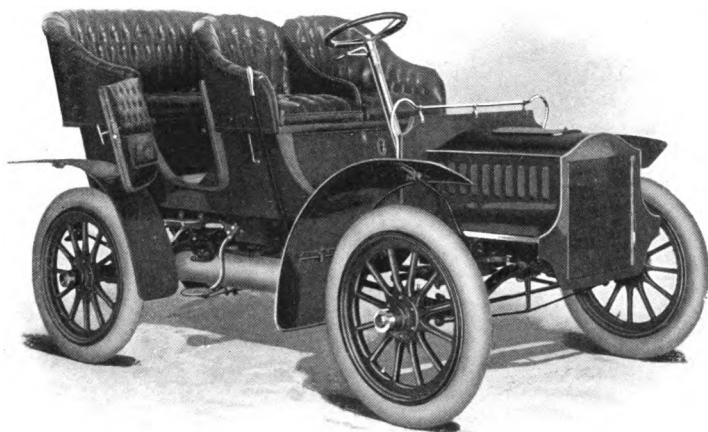
Speeds: Two forward and reverse.

Descriptive catalogue sent upon application to the above-named company.

CADILLAC AUTOMOBILE CO., DETROIT, MICHIGAN

Price

without top
\$950



Model: "F" LIGHT TOURING CAR.

Body: Wood, double side-door entrance, individual seats.

Color: Brewster green, primrose running gear.

Seating capacity: Four persons.

Total weight: 1350 pounds.

Wheel base: 76 inches.

Wheel tread: 56½ inches, option on 61 inches.

Tire dimensions, front: 30 x 3½ inches.

Tire dimensions, rear: 30 x 3½ inches.

Steering: Wheel with rack and pinion.

Brakes: Double acting on differential.

Gasoline capacity: 7 gallons.

Frame: Pressed steel.

Horse-power: 9.

Number of cylinders: One.

Cylinder arranged: Horizontal under body.

Cooling: Water.

Ignition: Jump spark.

Drive: Chain.

Transmission: Planetary.

Speeds: Two forward and reverse.

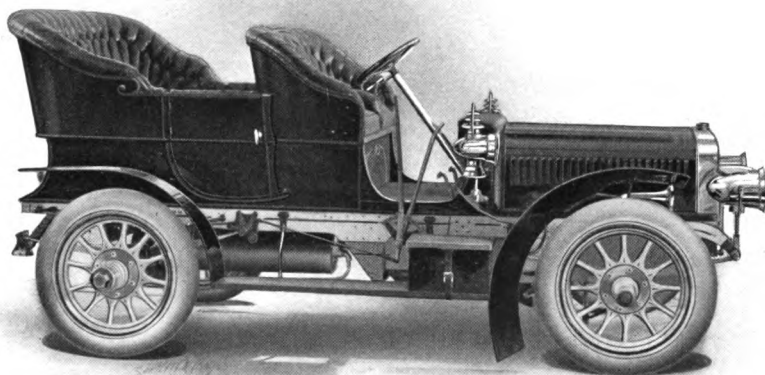
Descriptive catalogue sent upon application to the above-named company.

CADILLAC AUTOMOBILE CO., DETROIT, MICHIGAN

Price

without top

\$2800



Model: "D" CADILLAC.

Body: Wood. Option on aluminum, extra, \$250.

Color: Brewster green, primrose running gear.

Seating capacity: Five persons.

Total weight: Approximately 2600 pounds.

Wheel base: 100 inches.

Wheel tread: 56 $\frac{1}{2}$ inches.

Tire dimensions, front: 34 x 4 $\frac{1}{2}$ inches.

Tire dimensions, rear: 34 x 4 $\frac{1}{2}$ inches.

Steering: Wheel, special irreversible.

Brakes: Double-acting, foot brake on drive shaft, emergency hand brake on wheels.

Gasoline capacity: 25 gallons.

Frame: Pressed steel.

Horse-power: 30.

Number of cylinders: Four.

Cylinders arranged: Vertical in front.

Cooling: Water, cellular radiator.

Ignition: Jump spark.

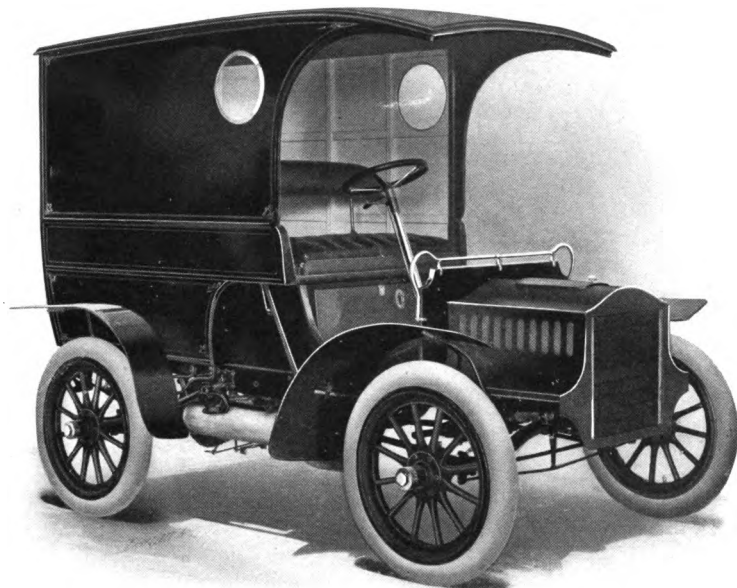
Drive: Direct through bevel gears.

Transmission: Planetary.

Speeds: Three forward and reverse.

Descriptive catalogue sent upon application to the above-named company.

CADILLAC AUTOMOBILE CO., DETROIT, MICHIGAN



Price
\$950

Model: "F" DELIVERY.

Body: Not convertible.

Color: Maroon.

Seating capacity: Two persons.

Carrying capacity: 600 to 800 pounds.

Total weight: 1460 pounds.

Wheel base: 76 inches.

Wheel tread: 56½ inches.

Tire dimensions, front: 30 x 3½ inches.

Tire dimensions, rear: 30 x 3½ inches.

Steering: Wheel, rack and pinion.

Brakes: Rear axle, double bands.

Gasoline capacity: 7 gallons.

Frame: Pressed steel.

Horse-power: 9.

Number of cylinders: One.

Cylinder arranged: Horizontal.

Cooling: Water.

Ignition: Jump spark.

Drive: Single chain.

Transmission: Planetary.

Speeds: Two forward and one reverse.

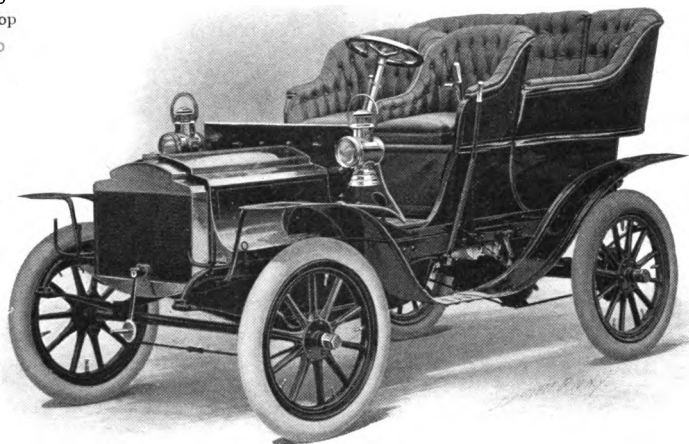
Size of top, inside dimensions: height, 50 inches; width, 40 inches; length, 42 inches.

Descriptive catalogue sent upon application to the above-named company.

ELECTRIC VEHICLE COMPANY, HARTFORD, CONN

Price

\$1500
with top
\$1700



Model: COLUMBIA MARK XLIII.

Body: Rear-entrance tonneau.

Color: Dark green or maroon.

Seating capacity: Four persons.

Total weight: 1800 pounds.

Wheel base: 81½ inches.

Wheel tread: 55 inches.

Tire dimensions, front: 30 x 3½ inches.

Tire dimensions, rear: 30 x 3½ inches.

Steering: Wheel.

Brakes: Foot brake on propeller shaft; hand brake on rear hubs.

Gasoline capacity: 10 gallons.

Frame: Pressed steel.

Horse-power: 12-14.

Number of cylinders: Two.

Cylinders arranged: Opposed, horizontal forward under folding bonnet.

Cooling: Water, cellular radiator with fan.

Ignition: Jump spark, 24 dry cells.

Drive: Propeller shaft.

Transmission: Sliding gears, direct drive on high gear.

Speeds: Three forward, one reverse.

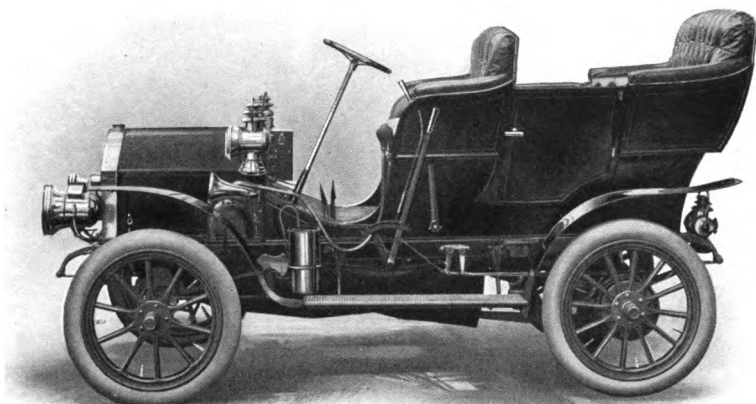
Style of top: Canopy, glass front.

Descriptive catalogue sent upon application to the above-named company.

ELECTRIC VEHICLE COMPANY, HARTFORD, CONN.

Price

\$1750



Model: COLUMBIA MARK XLIV.

Body: Side-entrance tonneau, divided front seat.

Color: Body, dark green; gear, yellow.

Seating capacity: Four persons.

Total weight: 1800 pounds.

Wheel base: 81½ inches.

Wheel tread: 55 inches.

Tire dimensions, front: 30 x 3½ inches.

Tire dimensions, rear: 30 x 3½ inches

Steering: Wheel.

Brakes: Two, external and internal on rear hubs.

Gasoline capacity: 10 gallons.

Frame: Pressed steel.

Horse-power: 18.

Number of cylinders: Two.

Cylinders arranged: Horizontal opposed, forward under folding bonnet.

Cooling: Water, cellular radiator with fan.

Ignition: Jump spark, 25 dry cells.

Drive: Propeller shaft.

Transmission: Sliding gears; direct drive on high gear.

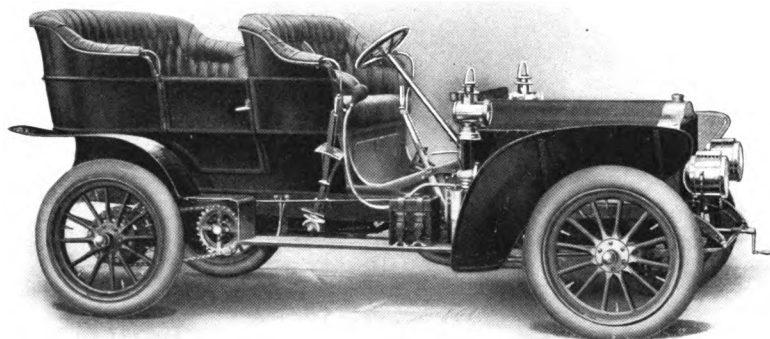
Speeds: Three forward, one reverse.

Descriptive catalogue sent upon application to the above-named company.

ELECTRIC VEHICLE COMPANY, HARTFORD, CONN

Price

\$4000



Model: COLUMBIA MARK XLV.
(STANDARD).

Body: Side-entrance tonneau.

Color: Body, dark green; gear, yellow.

Seating capacity: Five persons.

Total weight: 2900 pounds.

Wheel base: 108 inches.

Wheel tread: 55 inches.

Tire dimensions, front: 34 x 4 inches.

Tire dimensions, rear: 34 x 4½ inches.

Steering: Wheel, irreversible worm and sector.

Brakes: Foot brake on front sprockets; hand brake on rear sprockets.

Gasoline capacity: 24 gallons.

Frame: Pressed steel.

Horse-power: 35-40.

Number of cylinders: Four.

Cylinders arranged: Vertical, forward under folding bonnet.

Cooling: Water, cellular radiator with fan.

Ignition: Jump spark, storage battery.

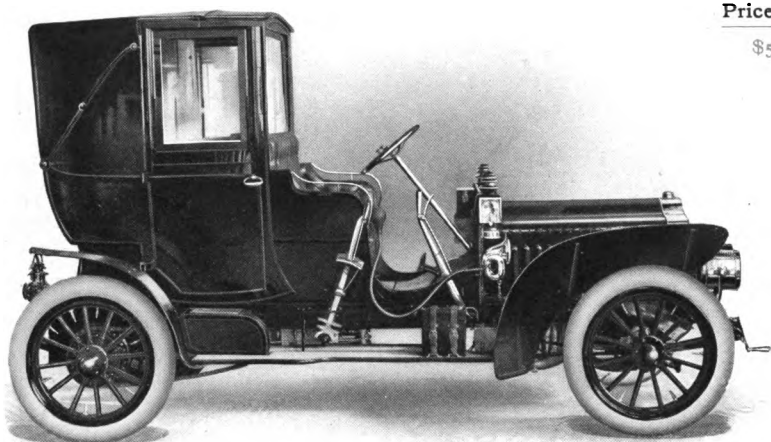
Drive: Double side chain.

Transmission: Sliding gears; direct drive on high gear.

Speeds: Four forward, one reverse.

Descriptive catalogue sent upon application to the above-named company.

ELECTRIC VEHICLE COMPANY, HARTFORD, CONN.



Price

\$5000

Model: COLUMBIA MARK XLV.
(LANDAULET).

Body: Landaulet.

Color: Optional.

Seating capacity: Four persons.

Total weight: 3400 pounds.

Wheel base: 112 inches.

Wheel tread: 55 inches.

Tire dimensions, front: 34 x 4 inches.

Tire dimensions, rear: 34 x 4½ inches.

Steering: Wheel, irreversible worm and sector.

Brakes: Foot brake on front sprockets; hand brake on rear sprockets.

Gasoline capacity: 24 gallons.

Frame: Pressed steel.

Horse-power: 35-40.

Number of cylinders: Four.

Cylinders arranged: Vertical, forward under folding bonnet.

Cooling: Water, cellular radiator with fan.

Ignition: Jump spark, storage battery.

Drive: Double side chain.

Transmission: Sliding gears; direct drive on high gear.

Speeds: Four forward, one reverse.

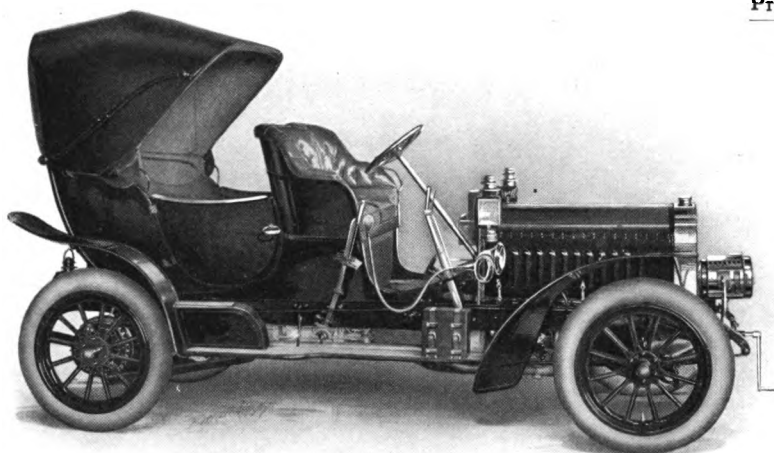
Style of top: Folding landaulet.

Descriptive catalogue sent upon application to the above-named company.

ELECTRIC VEHICLE COMPANY, HARTFORD, CONN

Price

\$5000



Model: COLUMBIA MARK XLV.
(ROYAL VICTORIA).

Body: Victoria with hood.

Color: Optional.

Seating capacity: Five persons.

Total weight: 3100 pounds.

Wheel base: 112 inches.

Wheel tread: 55 inches.

Tire dimensions, front: 34 x 4 inches.

Tire dimensions, rear: 34 x 4 1/2 inches.

Steering: Wheel, irreversible worm and sector.

Brakes: Foot brake on front sprockets; hand brake on rear sprockets.

Gasoline capacity: 24 gallons.

Frame: Pressed steel.

Horse-power: 35-40.

Number of cylinders: Four.

Cylinders arranged: Vertical, forward under folding bonnet.

Cooling: Water, cellular radiator with fan.

Ignition: Jump spark, storage battery.

Drive: Double side chain.

Transmission: Sliding gears; direct drive on high gear.

Speeds: Four forward, one reverse.

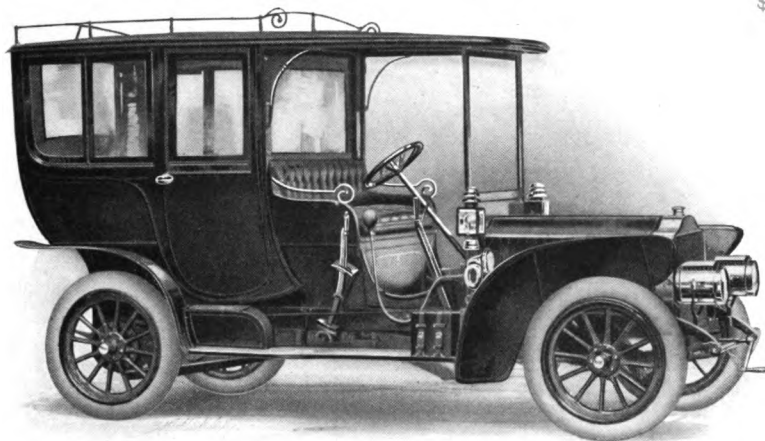
Style of top: Hand - buffed leather hood.

Descriptive catalogue sent upon application to the above-named company.

ELECTRIC VEHICLE COMPANY, HARTFORD, CONN.

Price

\$5500



Model: COLUMBIA MARK XLV.
(LIMOUSINE).

Body: Limousine.

Color: Optional.

Seating capacity: Seven persons.

Total weight: 3400 pounds.

Wheel base: 112 inches.

Wheel tread: 55 inches.

Tire dimensions, front: 34 x 4 inches.

Tire dimensions, rear: 34 x 4½ inches.

Steering: Wheel, irreversible worm and sector.

Brakes: Foot brake on front sprockets; hand brake on rear sprockets.

Gasoline capacity: 24 gallons.

Frame: Pressed steel.

Horse-power: 35-40.

Number of cylinders: Four.

Cylinders arranged: Vertical, forward under folding bonnet.

Cooling: Water, cellular radiator with fan.

Ignition: Jump spark, storage battery.

Drive: Double side chain.

Transmission: Sliding gears; direct drive on high gear.

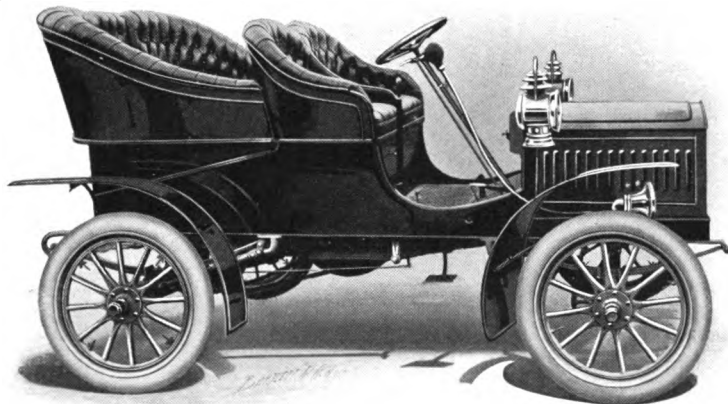
Speeds: Four forward, one reverse.

Style of top: Limousine, wood.

Descriptive catalogue sent upon application to the above-named company.

Price

\$950



Model: 10.

Body: Rear-entrance detachable tonneau.

Color: Automobile red.

Seating capacity: Four persons.

Total weight: 1300 pounds.

Wheel base: 78 inches.

Wheel tread: 56-60 inches.

Tire dimensions, front: 28 x 3 inches.

Tire dimensions, rear: 28 x 3½ inches.

Steering: Wheel, geared.

Brakes: Two on differential; emergency on transmission.

Gasoline capacity: 10 gallons.

Frame: Trussed angle steel.

Horse-power: 10.

Number of cylinders: One.

Cylinder arranged: Horizontal.

Cooling: Water.

Ignition: Jump spark.

Drive: Single chain.

Transmission: Planetary.

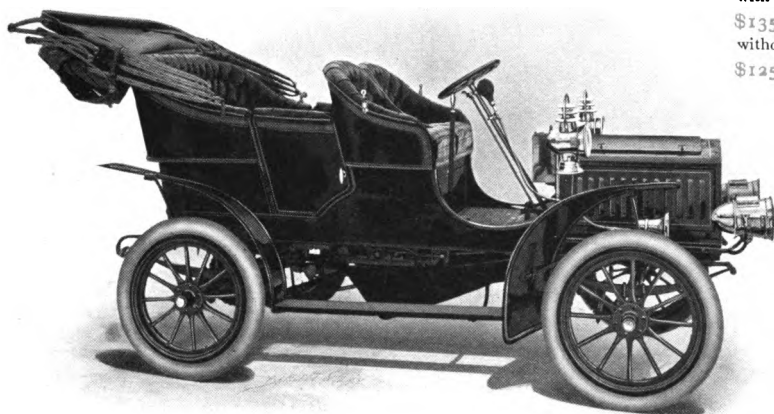
Speeds: Two forward and reverse.

Descriptive catalogue sent upon application to the above-named company.

ELMORE MANUFACTURING COMPANY, CLYDE, OHIO

Price

with top
\$1350
without top
\$1250



Model : II.

Body: Detachable double side-entrance tonneau.

Color : Imperial blue, Yale blue panel.

Seating capacity : Five persons.

Total weight : 1500 pounds.

Wheel base : 83 inches.

Wheel tread : 56-60 inches.

Tire dimensions, front : 30 x 3 inches.

Tire dimensions, rear : 30 x 3½ inches.

Steering : Wheel geared.

Brakes : Two on differential, emergency on transmission.

Gasoline capacity : 10 gallons.

Frame : Trussed angle steel.

Horse-power : 16.

Number of cylinders : Two.

Cylinders arranged : Horizontal.

Cooling : Water.

Ignition : Jump spark.

Drive : Single chain.

Transmission : Planetary.

Speeds : Two forward and reverse.

Style of top : Canopy or cape top.

Descriptive catalogue sent upon application to the above-named company.

H. H. FRANKLIN MANUFACTURING CO., SYRACUSE, N. Y.

Price

without top

\$1400



Model: FRANKLIN TYPE "E."
GENTLEMAN'S RUNABOUT.

Body: Aluminum with divided seats.

Color: Franklin green or Franklin red.

Seating capacity: Two persons.

Total weight: 1050 pounds.

Wheel base: 74 inches.

Wheel tread: Standard.

Tire dimensions, front: 28 x 3 inches.

Tire dimensions, rear: 28 x 3 inches.

Steering: Wheel.

Brakes: Two equalizing bands on rear wheels.

Gasoline capacity: 5 gallons.

Frame: Angle iron and wood.

Horse-power: 12.

Number of cylinders: Four.

Cylinders arranged: Vertical under hood.

Cooling: Air cooled.

Ignition: Jump spark.

Drive: Chain.

Transmission: Planetary.

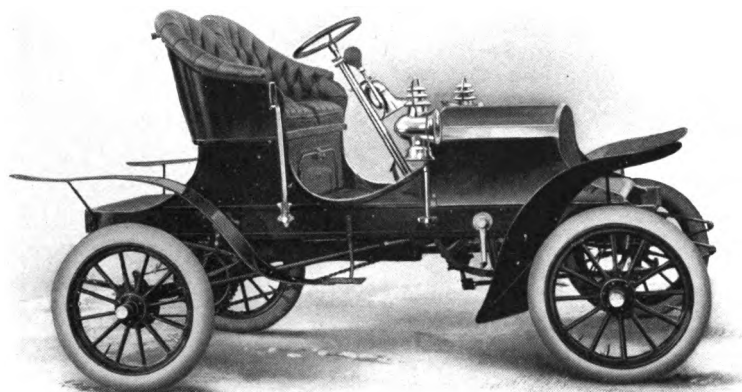
Speeds: Two forward and reverse.

Descriptive catalogue sent upon application to the above-named company.

H. H. FRANKLIN MANUFACTURING CO., SYRACUSE, N. Y.

Price

without top
\$1500



Model: FRANKLIN TYPE "A,"
with or without tonneau.

Body: Aluminum with divided seats.

Color: Franklin green or red.

Seating capacity: Two or four persons.

Total weight: 1175 pounds.

Wheel base: 82 inches.

Wheel tread: Standard.

Tire dimensions, front: 28 x 3 inches.

Tire dimensions, rear: 760 x 90 m/m.

Steering: Wheel.

Brakes: Two; equalizing bands on
rear wheels.

Gasoline capacity: 7 gallons.

Frame: Angle iron.

Horse-power: 12.

Number of cylinders: Four.

Cylinders arranged: Vertical under
hood.

Cooling: Air cooled.

Ignition: Jump spark.

Drive: Chain.

Transmission: Planetary.

Speeds: Two forward and reverse.

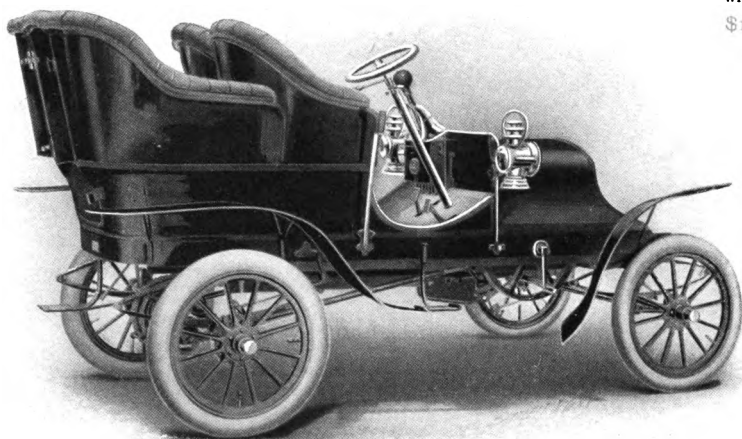
Descriptive catalogue sent upon application to the above-named company.

H. H. FRANKLIN MANUFACTURING CO., SYRACUSE, N. Y.

Price

without top

\$1650



Model: FRANKLIN TYPE "B."
FOUR - PASSENGER LIGHT
CAR.

Body: Aluminum with rear-entrance
tonneau and divided front seats.

Color: Franklin green or Franklin
red.

Seating capacity: Four persons.

Total weight: 1275 pounds.

Wheel base: 82 inches.

Wheel tread: Standard.

Tire dimensions, front: 28 x 3 inches.

Tire dimensions, rear: 760 x 90 m/m.

Steering: Wheel.

Brakes: Two; equalizing bands on
rear wheels.

Gasoline capacity: 7 gallons.

Frame: Angle iron and wood.

Horse-power: 12.

Number of cylinders: Four.

Cylinders arranged: Vertical under
hood.

Cooling: Air cooled.

Ignition: Jump spark.

Drive: Chain.

Transmission: Planetary.

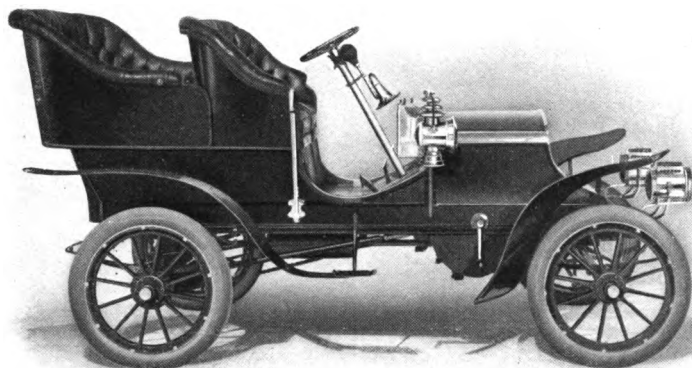
Speeds: Two forward and reverse.

Descriptive catalogue sent upon application to the above-named company.

H. H. FRANKLIN MANUFACTURING CO., SYRACUSE, N. Y.

Price

without top
\$1700



Model: FRANKLIN TYPE "F,"
FOUR - PASSENGER LIGHT
CAR.

Body: Aluminum, front entrance to
tonneau through tilting seat.

Color. Franklin red or Franklin
green.

Seating capacity: Four persons.

Total weight: 1275 pounds.

Wheel base: 82 inches.

Wheel tread: Standard.

Tire dimensions, front: 28 x 3 inches.

Tire dimensions, rear: 760 x 90 m/m.

Steering: Wheel.

Brakes: Two; equalizing bands on
rear wheels.

Gasoline capacity: 7 gallons.

Frame: Angle iron.

Horse-power: 12.

Number of cylinders: Four.

Cylinders arranged: Vertical under
hood.

Cooling: Air cooled.

Ignition: Jump spark.

Drive: Chain.

Transmission: Planetary.

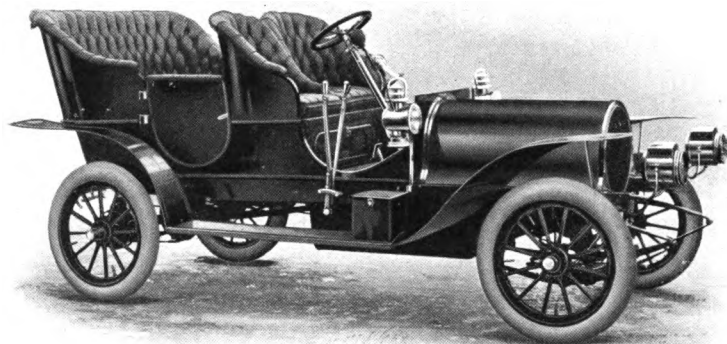
Speeds: Two forward and reverse.

Descriptive catalogue sent upon application to the above-named company.

H. H. FRANKLIN MANUFACTURING CO., SYRACUSE, N. Y.

Price

without top
\$2500



Model: FRANKLIN TYPE "D,"
LIGHT TOURING CAR.

Body: Aluminum, with side door
entrance tonneau; divided front
seats.

Color: Franklin green or Franklin
red.

Seating capacity: Five persons.

Total weight: 1800 pounds.

Wheel base: 100 inches.

Wheel tread: Standard.

Tire dimensions, front: 30 x 4 inches.

Tire dimensions, rear: 30 x 4 inches.

Steering: Wheel.

Brakes: One on countershaft and two
equalizing bands on rear wheels.

Gasoline capacity: 12 gallons.

Frame: Wood.

Horse-power: 20.

Number of cylinders: Four.

Cylinders arranged: Vertical under
hood.

Cooling: Air cooled.

Ignition: Jump spark.

Drive: Shaft.

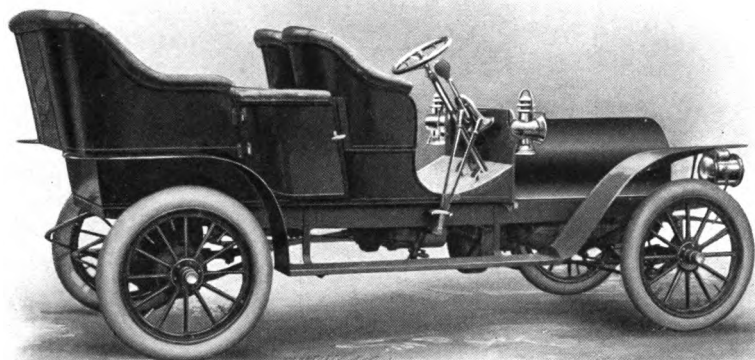
Transmission: Sliding gear.

Speeds: Three forward and one re-
versc.

Descriptive catalogue sent upon application to the above-named company.

Price

without top
\$3500



Model: FRANKLIN TYPE "C."

Body: Aluminum, with side door entrance tonneau and divided front seats.

Color: Franklin green or Franklin red.

Seating capacity: Five persons.

Total weight: 2400 pounds.

Wheel base: 110 inches.

Wheel tread: Standard.

Tire dimensions, front: 34 x 4 inches.

Tire dimensions, rear: 34 x 4½ inches.

Steering: Wheel.

Brakes: One on countershaft and two equalizing bands on rear wheels.

Gasoline capacity: 18 gallons.

Frame: Wood.

Horse-power: 30.

Number of cylinders: Four.

Cylinders arranged: Vertical under hood.

Cooling: Air cooled.

Ignition: Jump spark.

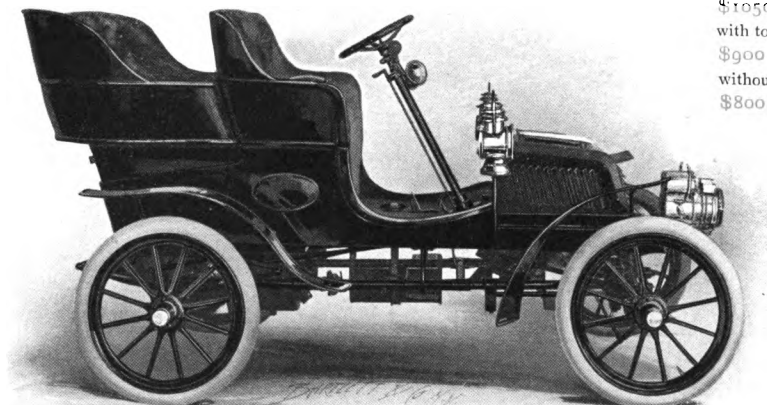
Drive: Shaft.

Transmission: Sliding gear.

Speeds: Three forward and one reverse.

Descriptive catalogue sent upon application to the above-named company.

CREST MANUFACTURING CO., DORCHESTER, MASS.



Price

with glass
front canopy
\$1050
with tonneau
\$900
without tonneau
\$800

Model: CRESTMOBILE "D" 1905.

Body: Wood tonneau.

Color: Carmine or Brewster green.

Seating capacity: Two or four persons.

Total weight: 1200 pounds.

Wheel base: 76 inches.

Wheel tread: 54 inches.

Tire dimensions, front: 28 x 3 inches.

Tire dimensions, rear: 28 x 3 inches.

Steering: Wheel with locking device.

Brakes: On differential.

Gasoline capacity: 6 gallons.

Frame: Tubular steel.

Horse-power: 8½.

Number of cylinders: One.

Cylinder arranged: Vertical, in front.

Cooling: Air cooled, with fan.

Ignition: Jump spark.

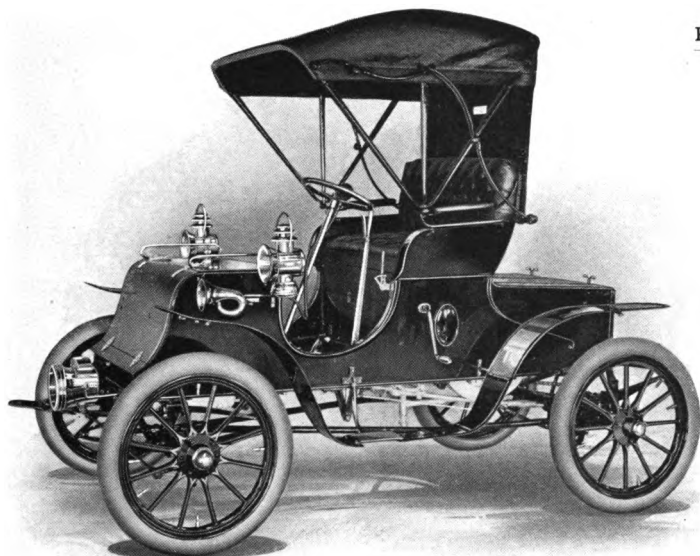
Drive: Shaft drive with bevel gears.

Transmission: Individual clutches and friction bands.

Speeds: Two forward, one reverse.

Style of top: Canopy with glass front.

Descriptive catalogue sent upon application to the above-named company



Price

with top
\$1,350

Model: TWO - PASSENGER
TOURING CAR.

Body: Folding front seat.

Color: Olive green.

Seating capacity: Two and four persons

Total weight: 1500 pounds.

Wheel base: 81 inches.

Wheel tread: 56 inches.

Tire dimensions, front: 32 x 3 1/2 inches.

Tire dimensions, rear: 32 x 3 1/2 inches.

Steering: Irreversible wheel.

Brakes: Two on differential.

Gasoline capacity: 6 gallons.

Frame: Angle iron.

Horse-power: 16-18.

Number of cylinders: Two.

Cylinders arranged: Horizontal, opposed.

Cooling: Water.

Ignition: Jump spark.

Drive: Chain.

Transmission: Individual clutch.

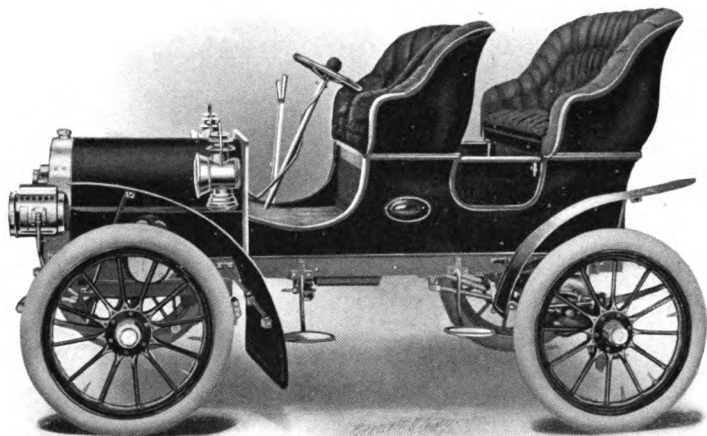
Speeds: Three forward, one reverse.

Descriptive catalogue sent upon application to the above-named company.

Price

without top

\$1500



Model: LIGHT TOURING CAR.

Gasoline capacity: 6 gallons.

Body: Four-passenger, divided front seat, side entrance.

Frame: Pressed steel.

Color: Dark green.

Horse-power: 16-18.

Seating capacity: Four persons.

Number of cylinders: Two.

Total weight: 1500 pounds.

Cylinders arranged: Horizontal, opposed.

Wheel base: 81 inches.

Cooling: Water and fan

Wheel tread: 56 inches.

Ignition: Jump spark.

Tire dimensions, front: 32 x 3 1/2 inches.

Drive: Shaft, with roller gear and sprocket.

Tire dimensions, rear: 32 x 3 1/2 inches.

Transmission: Individual clutch direct on high gear.

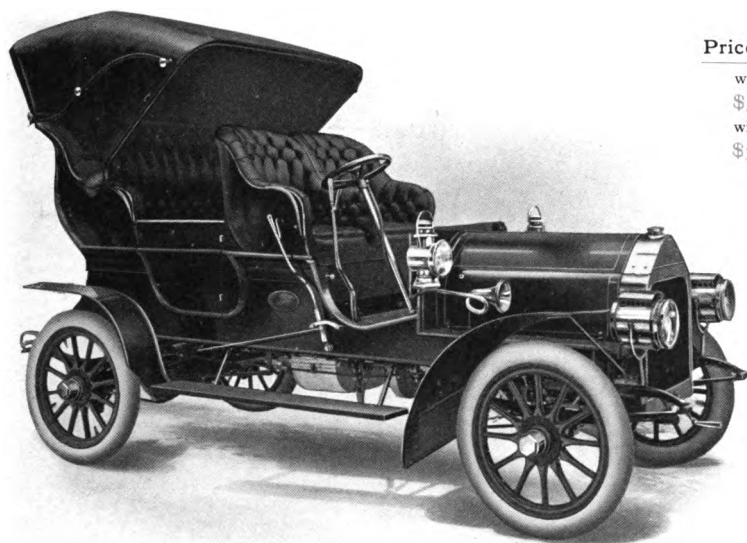
Steering: Irreversible wheel.

Brakes: One on each rear hub

Speeds: Three forward, one reverse.

Descriptive catalogue sent upon application to the above-named company.

THE HAYNES-APPERSON CO., KOKOMO, IND.



Price

with top
\$3200
without top
\$3000

Model: FOUR-CYLINDER.

Body: Side entrance, folding top, divided seats.

Color: Dark green.

Seating capacity: Five persons.

Total weight: 2800 pounds.

Wheel base: 108 inches.

Wheel tread: 56 inches.

Tire dimensions, front: 34 x 4½ inches.

Tire dimensions, rear: 34 x 4½ inches.

Steering: Irreversible wheel.

Brakes: Rear hubs, also emergency on driving shaft.

Gasoline capacity: 14 gallons.

Frame: Pressed steel.

Horse-power: 35-40.

Number of cylinders: Four.

Cylinders arranged: Vertical, separate.

Cooling: Water and fan.

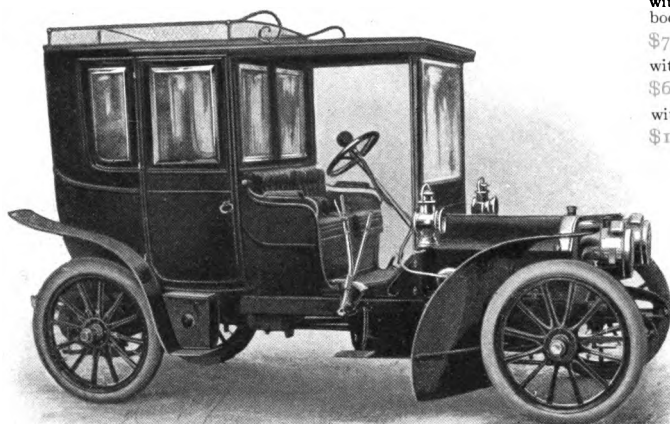
Ignition: Jump spark.

Drive: Shaft with roller gear and sprocket.

Transmission: Individual clutch direct on high gear.

Speeds: Three forward, one reverse.

Descriptive catalogue sent upon application to the above-named company.



Price

with limousine
body
\$7200
with touring body
\$6700
with top, extra
\$150 to \$300

Model: F I A T, 1905.

Body: Choice King of Belgians, Leopold or Princess Laetitia.

Color: Choice.

Seating capacity: Tonneau body, five persons; side-entrance, seven persons.

Total weight: Tonneau, 2050 pounds; side-entrance, 2200 pounds.

Wheel base: 111 inches and 125 inches.

Wheel tread: 56 inches.

Tire dimensions, front: 910 x 90 m/m.

Tire dimensions, rear: 915 x 105 m/m.

Steering: Irreversible wheel.

Brakes: Four; expanding and band types (water cooled).

Gasoline capacity: 30 gallons.

Frame: Pressed steel.

Horse-power: 16-20.

Number of cylinders: Four.

Cylinders arranged: Vertical, in pairs.

Cooling: Daimler patented multi-cellular water radiator.

Ignition: Magneto, make and break.

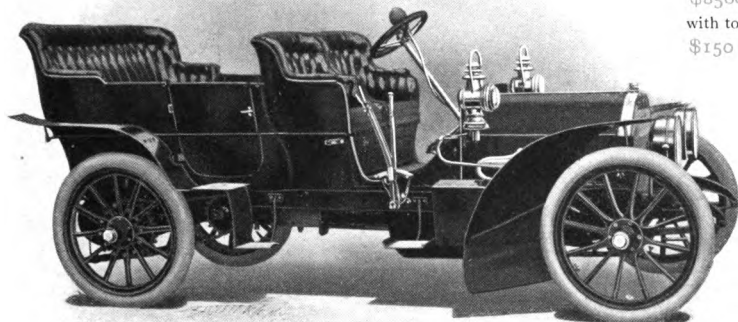
Drive: Double chain.

Transmission: Sliding gear.

Speeds: Four forward, one reverse.

Style of top: Canopy, cape or closed.

Descriptive catalogue sent upon application to the above-named company.



Price

with limousine
body
\$9000
with touring body
\$8500
with top, extra
\$150 to \$300

Model: F I A T, 1905.

Body: Choice King of Belgians, Leopold or Princess Laetizia.

Color: Choice.

Seating capacity: Tonneau, five persons;
side-entrance, seven persons.

Total weight: Tonneau, 2150 pounds;
side-entrance, 2300 pounds.

Wheel base: 114 inches and 128 inches.

Wheel tread: 56 inches.

Tire dimensions, front: 910 x 90 m/m.

Tire dimensions, rear: 915 x 105 and
920 x 120 m/m.

Steering: Irreversible wheel.

Brakes: Four; expanding and band
type (water cooled).

Gasoline capacity: 30 gallons.

Frame: Pressed steel.

Horse-power: 24-32, also 60, 90 and 100.

Number of cylinders: Four.

Cylinders arranged: Vertical, in pairs.

Cooling: Daimler patented multi-cellular water radiator.

Ignition: Magneto make and break.

Drive: Double chain.

Transmission: Sliding gear.

Speeds: Four forward, one reverse.

Style of top: Canopy, cape or closed.

Descriptive catalogue sent upon application to the above-named company.

THE KIRK MANUFACTURING COMPANY, TOLEDO, OHIO

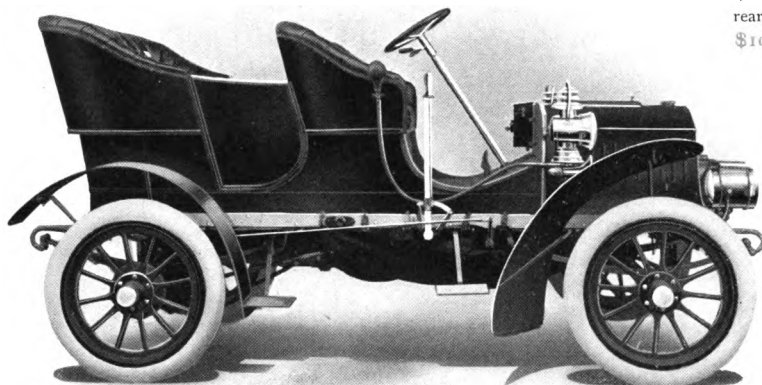
Price

side entrance

\$1100

rear entrance

\$1000



Model: YALE "E," rear entrance ;
"G," side entrance.

Body: Wood, divided front seat.

Color: Body, blue ; gear, straw color.

Seating capacity: Five persons.

Total weight: 1500 pounds.

Wheel base: "E," 83 inches ; "G," 85 inches.

Wheel tread: 56 inches.

Tire dimensions, front: 30 x 3 1/2 inches.

Tire dimensions, rear: 30 x 3 1/2 inches.

Steering: Non-reversible worm gear type.

Brakes: Two internal brakes on rear wheels.

Gasoline capacity: 10 gallons.

Frame: Angle steel, wood reinforcement.

Horse-power: 14-16.

Number of cylinders: Two.

Cylinders arranged: Horizontal, opposed.

Cooling: Water, tubular radiator.

Ignition: Jump spark.

Drive: Chain.

Transmission: Planetary.

Speeds: Two forward and reverse.

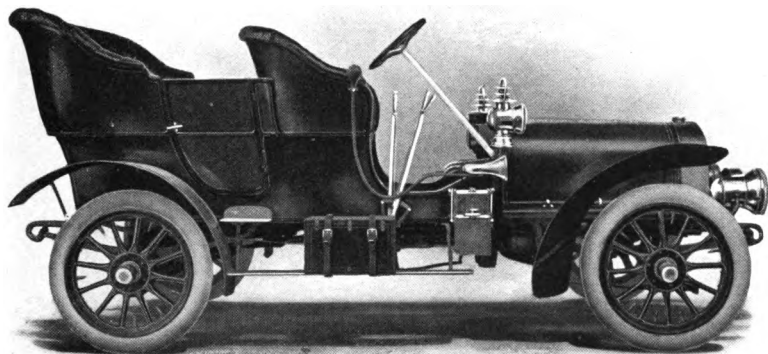
Style of top: Extra: victoria, cape, extension or canopy.

Descriptive catalogue sent upon application to the above-named company.

THE KIRK MANUFACTURING COMPANY, TOLEDO, OHIO

Price

\$2500



Model: YALE "F."

Body: Wood.

Color: Body, blue ; gear, straw color.

Seating capacity: Five persons.

Total weight: 2300 pounds.

Wheel base: 104 inches.

Wheel tread: 56 inches.

Tire dimensions, front: 32 x 4 inches.

Tire dimensions, rear: 32 x 4 inches.

Steering: Non-reversible ; compound screw and nut (all encased).

Brakes: One on transmission, two internal, expanding on rear wheels.

Gasoline capacity: 20 gallons.

Frame: Angle steel.

Horse-power: 24-28.

Number of cylinders: Four.

Cylinders arranged: Vertical, in front.

Cooling: Water, tubular radiator with radiating fins.

Ignition: Jump spark.

Drive: Bevel gear.

Transmission: Sliding gears.

Speeds: Three forward and reverse.

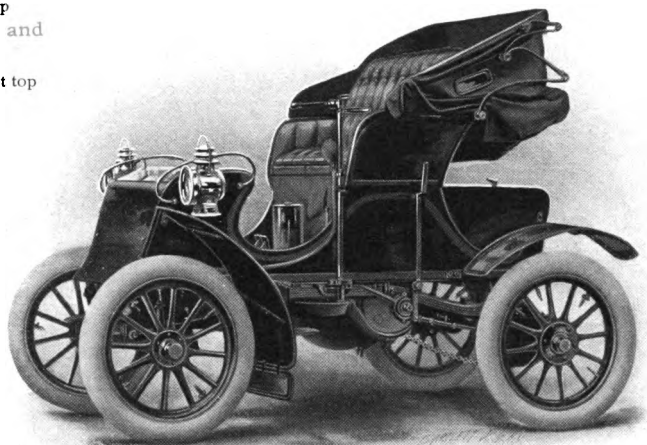
Style of top: Extra: victoria, cape, extension or canopy.

Descriptive catalogue sent upon application to the above-named company.

KNOX AUTOMOBILE CO., SPRINGFIELD, MASS.

Price

with top
\$1335 and
\$1350
without top
\$1250



Model: "E" RUNABOUT with
folding front seat.

Body: Wood.

Color: Carmine, green or blue.

Seating capacity: Four persons.

Total weight: 1700 pounds.

Wheel base: 72 inches.

Wheel tread: 54 inches.

Tire dimensions, front: 30 x 3½ inches.

Tire dimensions, rear: 30 x 3½ inches.

Steering: Lever and Lemp check.

Brakes: Two foot levers and one
hand lever.

Gasoline capacity: 8 gallons.

Frame: Angle steel.

Horse-power: 8-10.

Number of cylinders: One.

Cylinder arranged: Horizontal, under
center.

Cooling: Air cooled, Knox Company's
patent.

Ignition: Jump spark from dry cells.

Drive: Single chain.

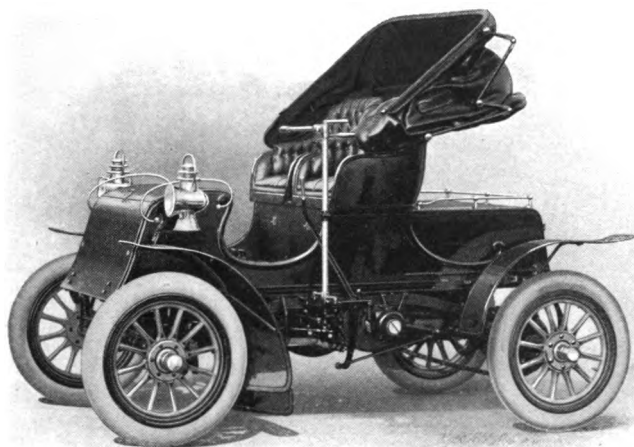
Transmission: Planetary.

Speeds: Two forward, one reverse.

Style of top: Buggy or victoria.

Descriptive catalogue sent upon application to the above-named company.

KNOX AUTOMOBILE CO. SPRINGFIELD, MASS.



Price

with close top
\$1615
with open top
\$1600
without top
\$1500

Model: "F-1" RUNABOUT.

Body: Folding, front seat.

Color: Carmine, green or blue.

Seating capacity: Four persons.

Total weight: 1850 pounds.

Wheel base: 81 inches.

Wheel tread: 56 inches.

Tire dimensions, front: 30 x 4 inches.

Tire dimensions, rear: 30 x 4 inches.

Steering: Irreversible lever or wheel

Brakes: Two foot and one hand.

Gasoline capacity: 16 gallons.

Frame: Angle steel.

Horse-power: 14-16.

Number of cylinders: Two.

Cylinders arranged: Horizontal opposed, under center.

Cooling: Air cooled, Knox Company's patent.

Ignition: Jump spark from dry cells.

Drive: Single chain.

Transmission: Planetary.

Speeds: Two forward, one reverse.

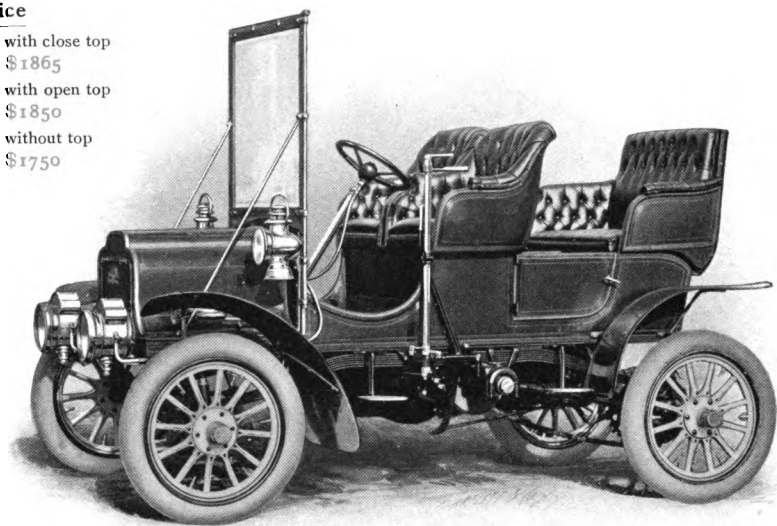
Style of top: Leather.

Descriptive catalogue sent upon application to the above-named company.

KNOX AUTOMOBILE CO., SPRINGFIELD, MASS.

Price

with close top
\$1865
with open top
\$1850
without top
\$1750



Model: "F-3" SURREY.

Body: Folding rear seat.

Color: Carmine, green or blue.

Seating capacity: Four persons.

Total weight: 1950 pounds.

Wheel base: 87 inches.

Wheel tread: 56 inches.

Tire dimensions, front: 30 x 4 inches.

Tire dimensions, rear: 30 x 4 inches.

Steering: Irreversible lever or wheel.

Brakes: Two foot and one hand.

Gasoline capacity: 16 gallons.

Frame: Angle steel.

Horse-power: 14-16.

Number of cylinders: Two.

Cylinders arranged: Horizontal opposed, under center.

Cooling: Air cooled, Knox Company's patent.

Ignition: Jump spark from dry cells.

Drive: Single chain.

Transmission: Planetary.

Speeds: Two forward, one reverse.

Style of top: Leather.

Descriptive catalogue sent upon application to the above-named company.

KNOX AUTOMOBILE CO., SPRINGFIELD, MASS.

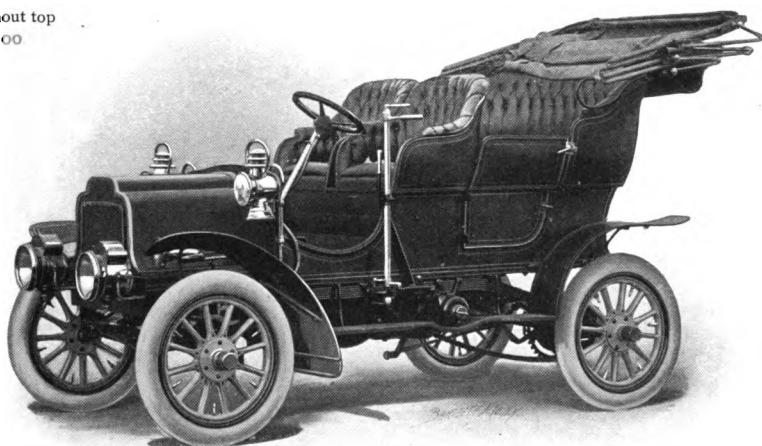
Price

with top

\$2000

without top

\$1900



Model: "F" TONNEAU.

Body: Side entrance.

Color: Carmine, green or blue.

Seating capacity: Five persons.

Total weight: 2000 pounds.

Wheel base: 90 inches.

Wheel tread: 56 inches.

Tire dimensions, front: 30 x 4 inches.

Tire dimensions, rear: 30 x 4 inches.

Steering: Irreversible lever or wheel.

Brakes: Two foot and one hand.

Gasoline capacity: 16 gallons.

Frame: Angle steel.

Horse-power: 14-16.

Number of cylinders: Two.

Cylinders arranged: Horizontal opposed, under center.

Cooling: Air cooled, Knox Company's patent.

Ignition: Jump spark from dry cells.

Drive: Single chain.

Transmission: Planetary.

Speeds: Two forward, one reverse.

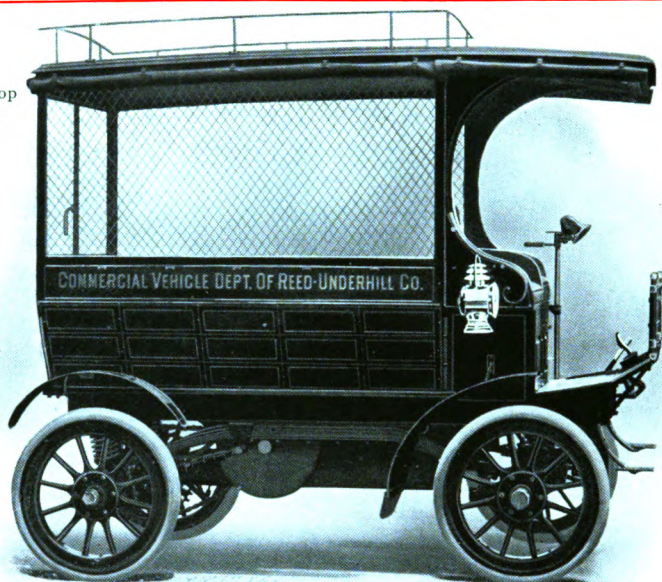
Style of top: Khaki cloth.

Descriptive catalogue sent upon application to the above-named company.

KNOX AUTOMOBILE COMPANY, SPRINGFIELD, MASS

Price

with top
\$1800



Model: **No. 41.**

Body: **Wood.**

Color: **Standard red or green.**

Carrying capacity: **1500** pounds.

Total weight: **2700** pounds.

Wheel base: **78** inches.

Wheel tread: **56** inches.

Tire dimensions, front: **32 x 3½** inches,
solid.

Tire dimensions, rear: **32 x 3½** inches,
solid.

Steering: **Irreversible lever and Lemp
check.**

Brakes: **Two foot levers and one hand
lever.**

Gasoline capacity: **13** gallons.

Frame: **Angle steel.**

Horse-power: **8-10.**

Number of cylinders: **One.**

Cylinder arranged: **Horizontal, under
center.**

Cooling: **Air cooled, Knox Company's
patent.**

Ignition: **Jump spark from dry cells.**

Drive: **Single chain.**

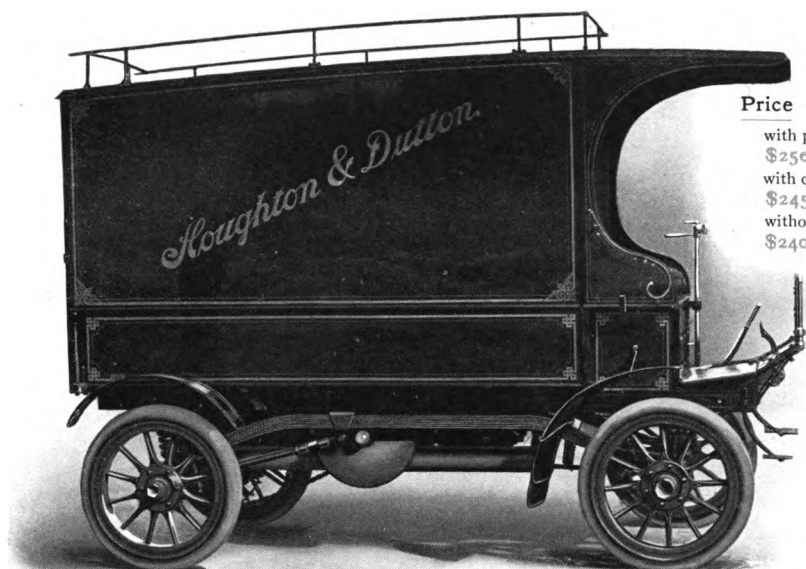
Transmission: **Planetary.**

Speeds: **Two forward, one reverse.**

Style of top: **Metal grill.**

Descriptive catalogue sent upon application to the above-named company.

KNOX AUTOMOBILE CO., SPRINGFIELD, MASS.



Price

with paneled top
\$2500
with canvas top
\$2450
without top
\$2400

Model: No. 39.

Body: Wood.

Color: Standard red or green.

Carrying capacity: 2500 pounds.

Total weight: 3300 pounds.

Wheel base: 96 inches.

Wheel tread: 56 inches.

Tire dimensions, front: $32 \times 3\frac{1}{2}$ inches, solid.

Tire dimensions rear: $32 \times 3\frac{1}{2}$ inches, solid.

Steering: Lever and Lemp check.

Brakes: Two foot levers and one hand lever.

Gasoline capacity: 13 gallons.

Frame: Angle steel.

Horse-power: 16-18.

Number of cylinders: Two.

Cylinders arranged: Horizontal opposed, under center.

Cooling: Air cooled, Knox Company's patent.

Ignition: Jump spark from dry cells.

Drive: Single chain.

Transmission: Planetary.

Speeds: Two forward, one reverse.

Style of top: Canvas or paneled.

Descriptive catalogue sent upon application to the above-named company.

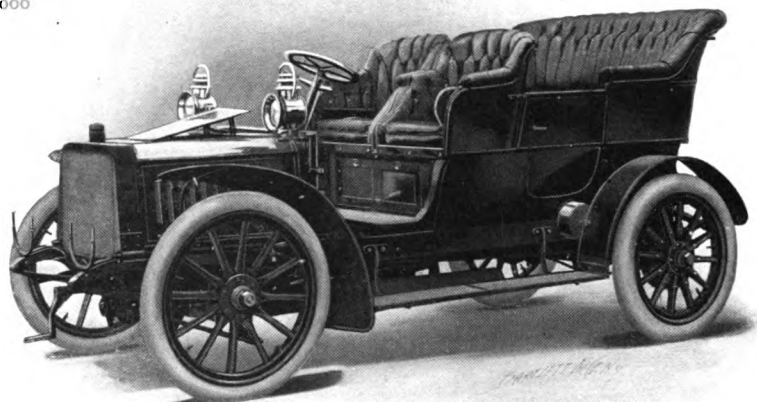
Price

with top

\$5500

without top

\$5000



Model: DARRACQ, Double Phaeton Tulip.

Body: Entrance, two sides.

Color: Royal blue, dark green, Mercedes red.

Seating capacity: Five persons.

Total weight: 2050 pounds.

Wheel base: 110 inches (long chassis).

Wheel tread: 52 inches.

Tire dimensions, front: 810 x 90 m/m.

Tire dimensions, rear: 810 x 90 m/m.

Steering: Irreversible and adjustable (worm gear).

Brakes: Three; internal expansion double-acting on driving shaft and rear wheels.

Gasoline capacity: 15 gallons.

Frame: Pressed steel of one piece throughout (special Darracq patent).

Horse-power: 15-20.

Number of cylinders: Four.

Cylinders arranged: Vertical, in pairs.

Cooling: Water, Mercedes honeycomb radiator and pump.

Ignition: Combination jump spark and make and break with magneto.

Drive: Bevel gear (shaft).

Transmission: Sliding gears.

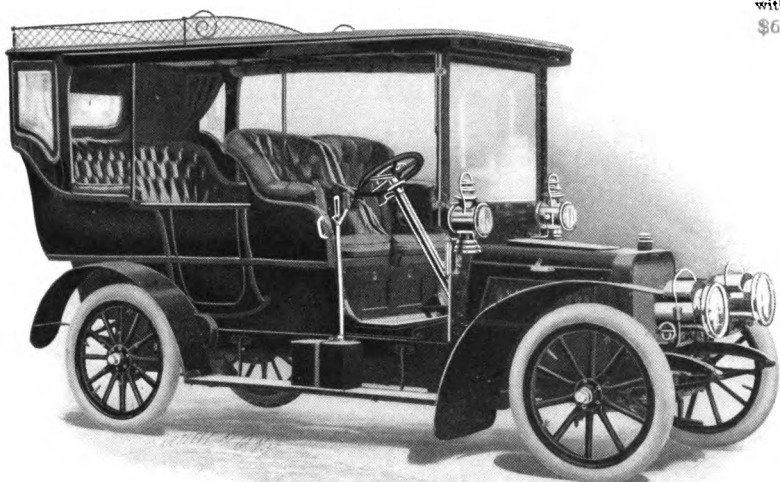
Speeds: Three forward and one reverse.

Style of top: Canopy, detachable glass back and sliding glass front.

Descriptive catalogue sent upon application to the above-named company.

Price

with top
\$6000



Model: DARRACQ, double side entrance.

Body: Demi-limousine with combination top.

Color: Royal blue, dark green, Mercedes red.

Seating capacity: Five persons.

Total weight: 2200 pounds.

Wheel base: 112 inches (extra long chassis).

Wheel tread: 52 inches.

Tire dimensions, front: 810 x 90 m/m.

Tire dimensions, rear: 820 x 120 m/m.

Steering: Irreversible and adjustable (worm gear).

Brakes: Three; internal expansion double-acting on driving shaft and rear wheels.

Gasoline capacity: 15 gallons.

Frame: Pressed steel of one piece throughout (special Darracq patent).

Horse-power: 15-20.

Number of cylinders: Four.

Cylinders arranged: Vertical, in pairs.

Cooling: Water, Mercedes honeycomb radiator and pump.

Ignition: Jump spark and make and break with magneto.

Drive: Bevel gear (shaft).

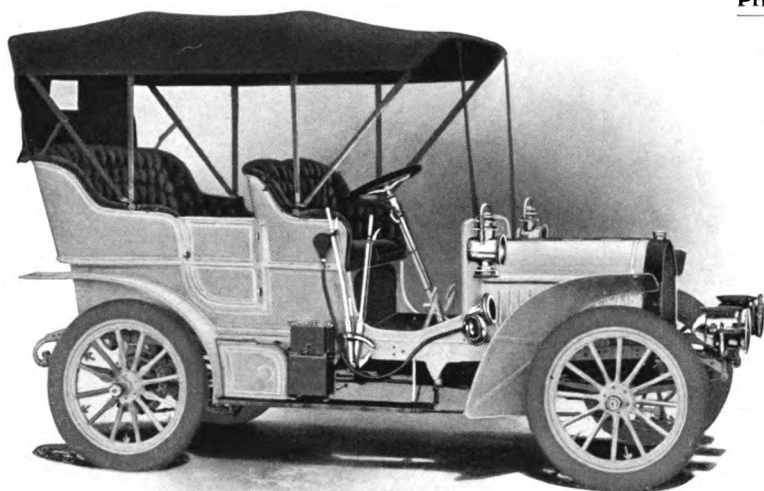
Transmission: Sliding gears.

Speeds: Three forward and one reverse.

Style of top: Canopy, stationary glass back and sliding glass front.

Descriptive catalogue sent upon application to the above-named company.

THE LOCOMOBILE COMPANY OF AMERICA, BRIDGEPORT, CONN.



Price

\$2800
chassis
\$2550
tops
extra

Model: LOCOMOBILE, TYPE "E."

Body: Wood, side entrances.

Color: As desired by the purchaser.

Seating capacity: Five persons.

Total weight: 1800 pounds.

Wheel base: 92 inches.

Wheel tread: 50 inches.

Tire dimensions, front: 32 x 4 inches.

Tire dimensions, rear: 32 x 4 inches.

Steering: Wheel with irreversible worm-gear mechanism.

Brakes: Foot brake on differential shaft; emergency brakes on rear wheels. (All double-acting.)

Gasoline capacity: 17 gallons.

Frame: Pressed steel.

Horse-power: 15-20.

Number of cylinders: Four.

Cylinders arranged: Vertically and longitudinally, in front.

Cooling: Water, by gear-driven centrifugal pump and cellular radiator.

Ignition: Make and break, magneto.

Drive: Double chain.

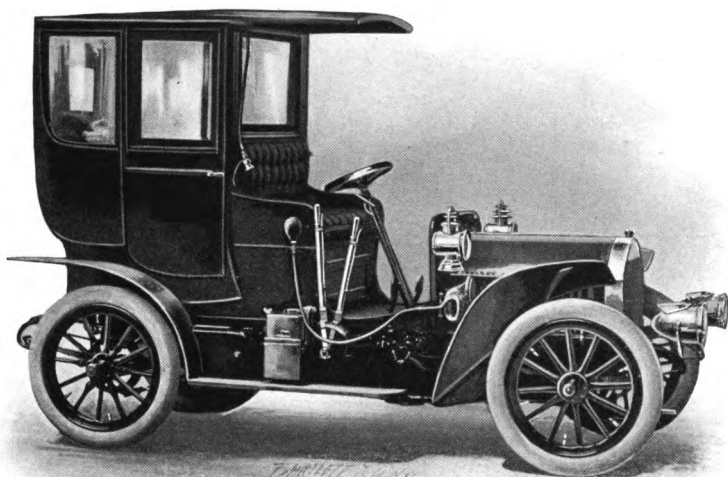
Transmission: Sliding gear system.

Speeds: Three forward, one reverse.

Style of top: Any style desired by the customer.

Descriptive catalogue sent upon application to the above-named company.

THE LOCOMOBILE COMPANY OF AMERICA, BRIDGEPORT, CONN.



Price

\$3,300

chassis

\$2,550

Model: LOCOMOBILE, TYPE "E."

Body: Wood, side entrances.

Color: As desired by the purchaser.

Seating capacity: Five persons.

Total weight: 1800 pounds.

Wheel base: 92 inches.

Wheel tread: 50 inches.

Tire dimensions, front: 32 x 4 inches.

Tire dimensions, rear: 32 x 4 inches.

Steering: Wheel with irreversible worm-gear mechanism.

Brakes: Foot brake on differential shaft; emergency brakes on rear wheels. (All double-acting.)

Gasoline capacity: 17 gallons.

Frame: Pressed steel.

Horse-power: 15-20.

Number of cylinders: Four.

Cylinders arranged: Vertically and longitudinally, in front.

Cooling: Water, by gear-driven centrifugal pump and cellular radiator.

Ignition: Make and break, magneto.

Drive: Double chain.

Transmission: Sliding gear system.

Speeds: Three forward, one reverse.

Style of top: Any style desired by the customer.

Descriptive catalogue sent upon application to the above-named company.

THE LOCOMOBILE COMPANY OF AMERICA, BRIDGEPORT, CONN.

Price

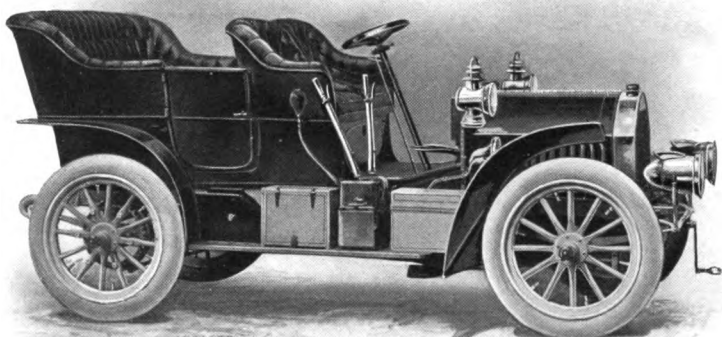
\$3700

chassis

\$3400

tops

extra



Model: LOCOMOBILE, TYPE "D."

Body: Wood, side entrances.

Color: As desired by the purchaser.

Seating capacity: Seven persons.

Total weight: 2300 pounds.

Wheel base: 96 inches.

Wheel tread: 52 inches.

Tire dimensions, front: 34 x 4 1/2 inches.

Tire dimensions, rear: 34 x 4 1/2 inches.

Steering: Wheel, with irreversible worm-gear mechanism.

Brakes: Foot brake on differential shaft; emergency brakes on rear wheels. (All double-acting.)

Gasoline capacity: 17 gallons.

Frame: Channel steel.

Horse-power: 20-25.

Number of cylinders: Four.

Cylinders arranged: Vertically and longitudinally, in front.

Cooling: Water, by gear-driven centrifugal pump and cellular radiator.

Ignition: Jump spark with storage batteries.

Drive: Double chain.

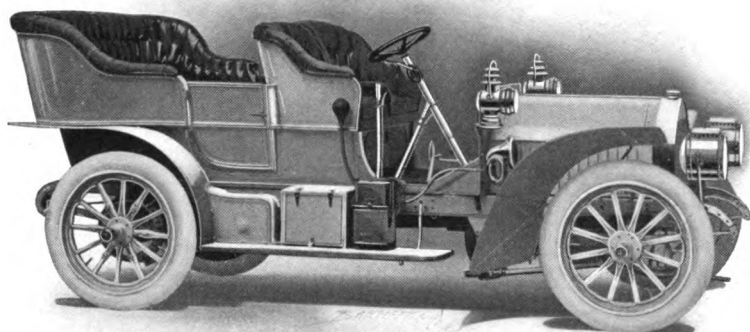
Transmission: Sliding gear system.

Speeds: Three forward, one reverse.

Style of top: Any style of top desired by the customer.

Descriptive catalogue sent upon application to the above-named company.

THE LOCOMOBILE COMPANY OF AMERICA, BRIDGEPORT, CONN.



Price

\$5000
chassis
\$4600
tops
extra

Model: LOCOMOBILE, TYPE "H."

Body: Wood, side entrances.

Color: As desired by the purchaser.

Seating capacity: Seven persons.

Total weight: 2700 pounds.

Wheel base: 106 inches.

Wheel tread: 54 inches.

Tire dimensions, front: 34 x 4½ inches.

Tire dimensions, rear: 34 x 4½ inches.

Steering: Wheel with irreversible worm gear mechanism.

Brakes: Foot brake on differential shaft; emergency brakes on rear wheels. (All double-acting.)

Gasoline capacity: 25 gallons.

Frame: Pressed steel.

Horse-power: 30-35.

Number of cylinders: Four.

Cylinders arranged: Vertically and longitudinally, in front.

Cooling: Water, by gear-driven centrifugal pump and cellular radiator.

Ignition: Make and break, magneto.

Drive: Double chain.

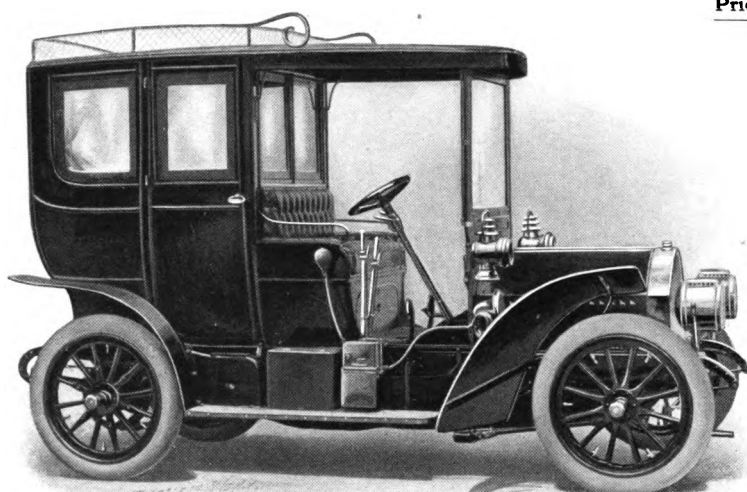
Transmission: Sliding gear system.

Speeds: Three forward, one reverse.

Style of top: Any style of top desired by the customer.

Descriptive catalogue sent upon application to the above-named company.

THE LOCOMOBILE COMPANY OF AMERICA, BRIDGEPORT, CONN.



Price

\$6000

chassis

\$4600

Model: LOCOMOBILE, TYPE "H."

Body: Wood, side entrances.

Color: As desired by the purchaser.

Seating capacity: Seven persons.

Total weight: 3000 pounds.

Wheel base: 106 inches.

Wheel tread: 54 inches.

Tire dimensions, front: 34 x 4½ inches.

Tire dimensions, rear: 34 x 4½ inches.

Steering: Wheel with irreversible worm-gear mechanism.

Brakes: Foot brake on differential shaft; emergency brakes on rear wheels. (All double-acting.)

Gasoline capacity: 25 gallons.

Frame: Pressed steel.

Horse-power: 30-35.

Number of cylinders: Four.

Cylinders arranged: Vertically and longitudinally, in front.

Cooling: Water, by gear-driven centrifugal pump and cellular radiator.

Ignition: Make and break, magneto.

Drive: Double chain.

Transmission: Sliding gear system.

Speeds: Three forward, one reverse.

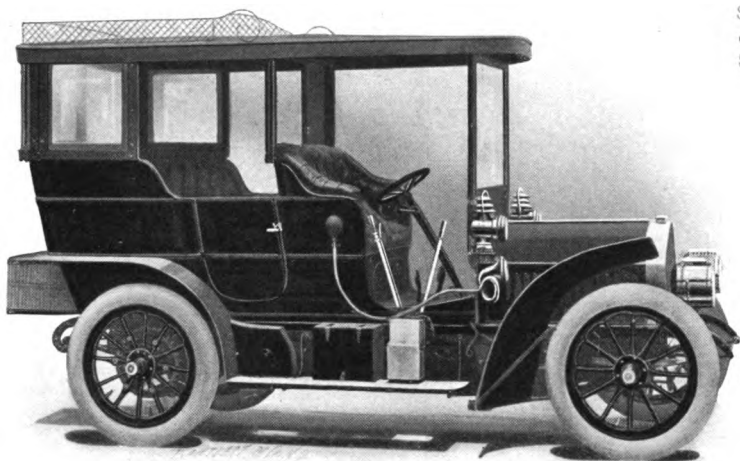
Style of top: Any style of top desired by the customer.

Descriptive catalogue sent upon application to the above-named company.

THE LOCOMOBILE COMPANY OF AMERICA, BRIDGEPORT, CONN.

Price

\$8000
chassis
\$6700



Model: LOCOMOBILE, TYPE "F."

Body: Wood or aluminum, side entrances.

Color: As desired by the purchaser.

Seating capacity: Seven persons.

Total weight: 3000 pounds.

Wheel base: 110 inches.

Wheel tread: 54 inches.

Tire dimensions, front: 36 x 5 inches.

Tire dimensions, rear: 36 x 5 inches.

Steering: Wheel, with irreversible worm-gear mechanism.

Brakes: Foot brake on differential shaft; emergency brakes on rear wheels. (All double-acting.)

Gasoline capacity: 25 gallons.

Frame: Pressed steel.

Horse-power: 40-45.

Number of cylinders: Four.

Cylinders arranged: Vertically and longitudinally, in front.

Cooling: Water, by gear-driven centrifugal pump and cellular radiator.

Ignition: Make and break, magneto.

Drive: Double chain.

Transmission: Sliding gear system.

Speeds: Four forward, one reverse.

Style of top: Any style of top desired by the customer.

Descriptive catalogue sent upon application to the above-named company.

NORTHERN MANUFACTURING CO., DETROIT, MICH.

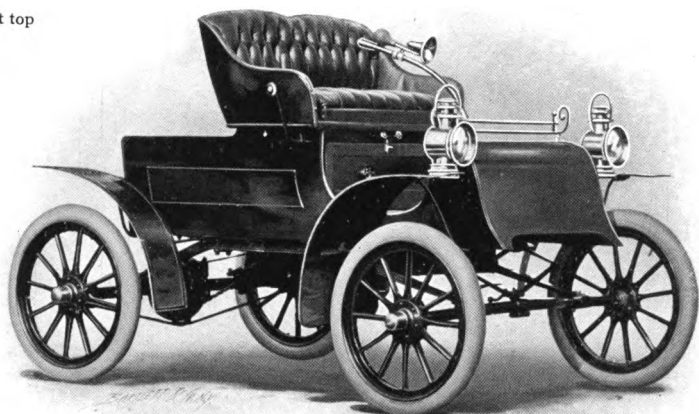
Price

with top

\$700

without top

\$650



Model: 1905 NORTHERN RUN-
ABOUT.

Body: Wood.

Color: Carmine.

Seating capacity: Two, or four with
dos-a-dos seat.

Total weight: 1100 pounds.

Wheel base: 70 inches.

Wheel tread: 56 inches.

Tire dimensions, front: 28 x 3 inches.

Tire dimensions, rear: 28 x 3 inches.

Steering: Center lever.

Brakes: On rear axle differential and
transmission reverse.

Gasoline capacity: 7½ gallons.

Frame: Angle steel.

Horse-power: 7.

Number of cylinders: One.

Cylinder arranged: Horizontal under
body.

Cooling: Water, 18-tube radiator and
pump.

Ignition: Jump spark and batteries.

Drive: Chain.

Transmission: Planetary.

Speeds: Two forward and reverse.

Style of top: Full leather carriage top.

Descriptive catalogue sent upon application to the above-named company.

NORTHERN MANUFACTURING CO., DETROIT, MICH.

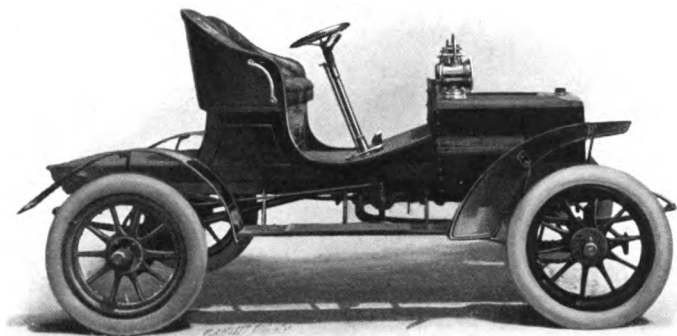
Price

with top

\$1575

without top

\$1500



Model: NORTHERN TWO-PASS-
SENGER TOURING CAR.

Body: Wood.

Color: Body dark green, gear cream
yellow.

Seating capacity: Two persons.

Total weight: 1800 pounds.

Wheel base: 88 inches.

Wheel tread: 56 inches.

Tire dimensions, front: 30 x 4 inches.

Tire dimensions, rear: 30 x 4 inches.

Steering: Wheel and gear.

Brakes: Hub and transmission.

Gasoline capacity: 10 gallons.

Frame: Angle steel.

Horse power: 18.

Number of cylinders: Two.

Cylinders arranged: Double, opposed
under hood.

Cooling: Water, radiator and pump.

Ignition: Jump spark and battery.

Drive: Shaft and bevel gears.

Transmission: Planetary.

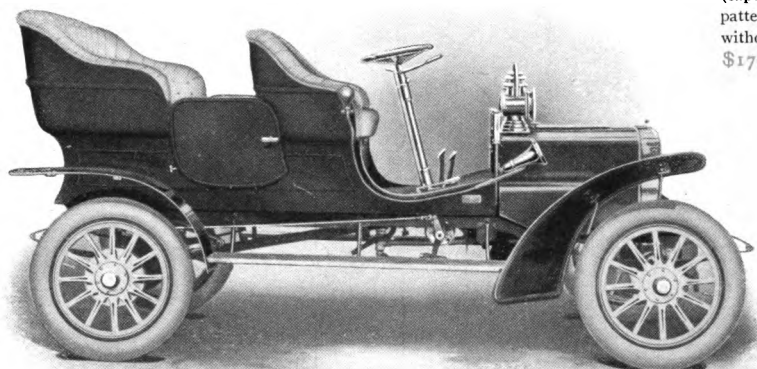
Speeds: Two forward and reverse.

Style of top: Leather carriage top.

Descriptive catalogue sent upon application to the above-named company.

Price

with top
\$1800
(cape
pattern)
without top
\$1700



Model: 1905 NORTHERN TOUR-
ING CAR.

Body: Wood, side entrance.

Color: Dark green body and cream
yellow running gear.

Seating capacity: Five persons.

Total weight: 2000 pounds.

Wheel base: 100 inches.

Wheel tread: 56 inches.

Tire dimensions, front: 30 x 4 inches.

Tire dimensions, rear: 30 x 4 inches.

Steering: Wheel and gear.

Brakes: Hub and transmission.

Gasoline capacity: 10 gallons

Frame: Angle steel.

Horse-power: 17.

Number of cylinders: Two.

Cylinders arranged: Double, opposed
under hood.

Cooling: Water, radiator in front;
circulation by pump.

Ignition: Jump spark, batteries.

Drive: Shaft and bevel gears.

Transmission: Planetary.

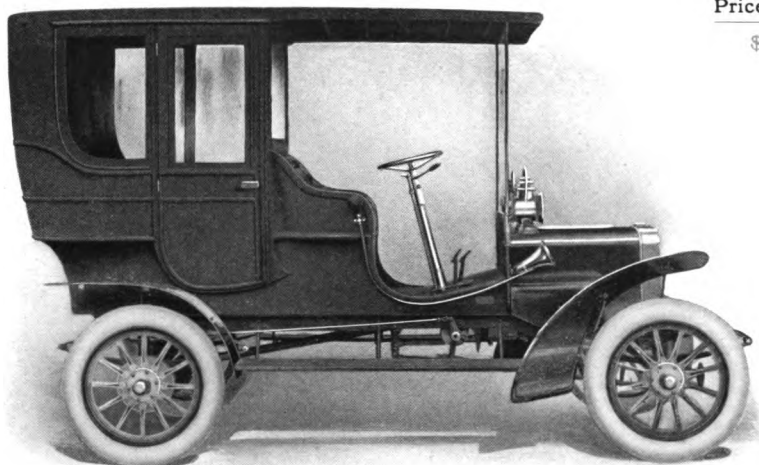
Speeds: Two forward and reverse.

Style of top: Cape or canopy.

Descriptive catalogue sent upon application to the above-named company.

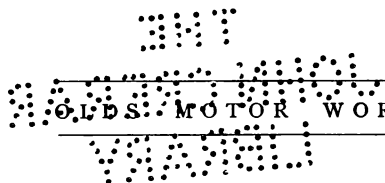
Price

\$2500



Model: NORTHERN LIMOUSINE.	Gasoline capacity: 10 gallons.
Body: Wood.	Frame: Angle steel.
Color: Coach blue and green.	Horse-power: 17.
Seating capacity: Five persons.	Number of cylinders: Two.
Total weight: 2200 pounds.	Cylinders arranged: Double, opposed under front hood.
Wheel base: 100 inches.	Cooling: Water, radiator under front hood and pump.
Wheel tread: 56 inches.	Ignition: Jump spark and battery.
Tire dimensions, front: 30 x 4 inches.	Drive: Shaft and bevel gears.
Tire dimensions, rear: 30 x 4 inches.	Transmission: Planetary.
Steering: Wheel and gear.	Speeds: Two forward and reverse.
Brakes: Hub and transmission.	

Descriptive catalogue sent upon application to the above-named company.



OLDS MOTOR WORKS, DETROIT, MICHIGAN

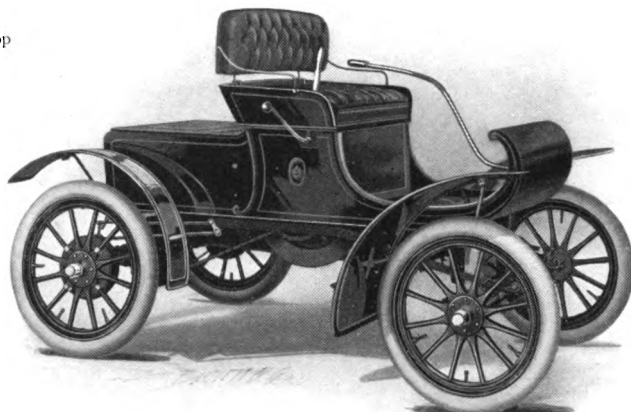
Price

with top

\$675

without top

\$650



Model: OLDSMOBILE STANDARD RUNABOUT.

Body: Oldsmobile curved dash.

Color: Black with red trimmings, gilt striping.

Seating capacity: Two persons.

Total weight: 1100 pounds.

Wheel base: 66 inches.

Wheel tread: 55 inches.

Tire dimensions, front: 28 x 3 inches.

Tire dimensions, rear: 28 x 3 inches.

Steering: Tiller.

Brakes: Transmission and rear hub, operated by foot pedal.

Gasoline capacity: 5 gallons.

Frame: Angle steel.

Horse-power: 7.

Number of cylinders: One.

Cylinder arranged: Horizontal, under body.

Cooling: Water, copper disk radiator.

Ignition: Jump spark.

Drive: Chain.

Transmission: Planetary.

Speeds: Two forward, and one reverse.

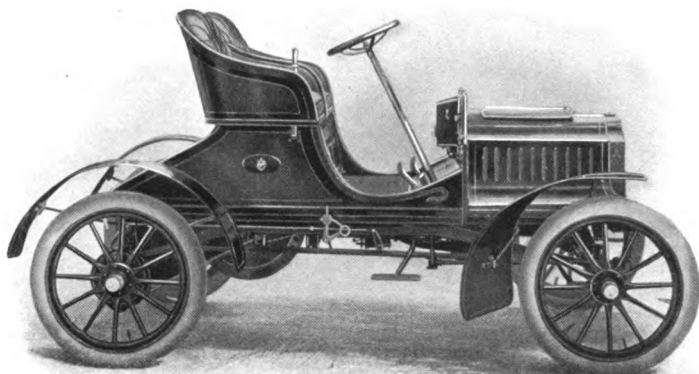
Style of top: Buggy.

Descriptive catalogue sent upon application to the above-named company.

OLDS MOTOR WORKS, DETROIT, MICHIGAN

Price

without top
\$750



Model: OLDSMOBILE TOURING
RUNABOUT.

Body: Wood.

Color: Brewster green.

Seating capacity: Two persons.

Wheel base: 76 inches.

Wheel tread: 55 inches.

Tire dimensions, front: 28 x 3 inches.

Tire dimensions, rear: 28 x 3 inches.

Steering: Wheel, tilting post.

Brakes: On rear hubs and transmis-
sion, operated by foot pedal.

Gasoline capacity: 5 gallons.

Frame: Angle steel.

Horse-power: 7.

Number of cylinders: One.

Cylinder arranged: Horizontal, under
body.

Cooling: Water, honeycomb radiator.

Ignition: Jump spark.

Drive: Chain.

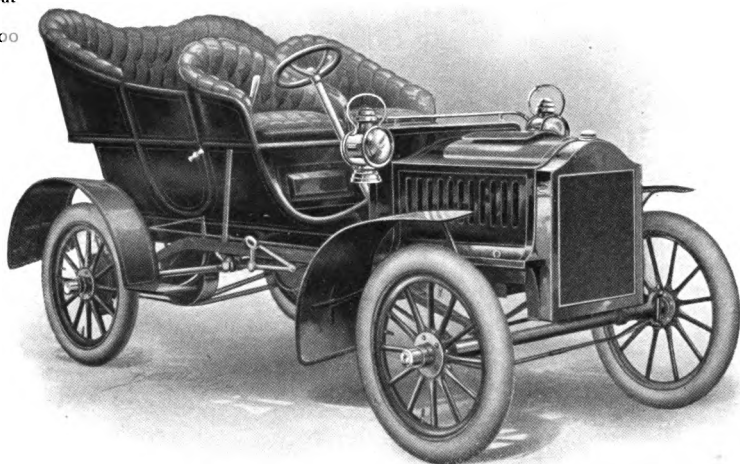
Transmission: Planetary.

Speeds: Two forward and one re-
verse.

Descriptive catalogue sent upon application to the above-named company.

Price

without
top
\$1400



Model: OLDSMOBILE TOURING CAR.

Body: Side entrance.

Seating capacity: Five persons.

Total weight: 2350 pounds.

Wheel base: 90 inches.

Wheel tread: 55 inches.

Tire dimensions, front: 30 x 3 1/2 inches.

Tire dimensions, rear: 30 x 4 inches.

Steering: Wheel, tilting post.

Brakes: On rear hubs and transmission, operated by foot.

Gasoline capacity: 15 gallons.

Frame: Angle steel.

Horse-power: 20.

Number of cylinders: Two.

Cylinders arranged: Double opposed, under body.

Cooling: Water, honeycomb radiator.

Ignition: Jump spark.

Drive: Chain.

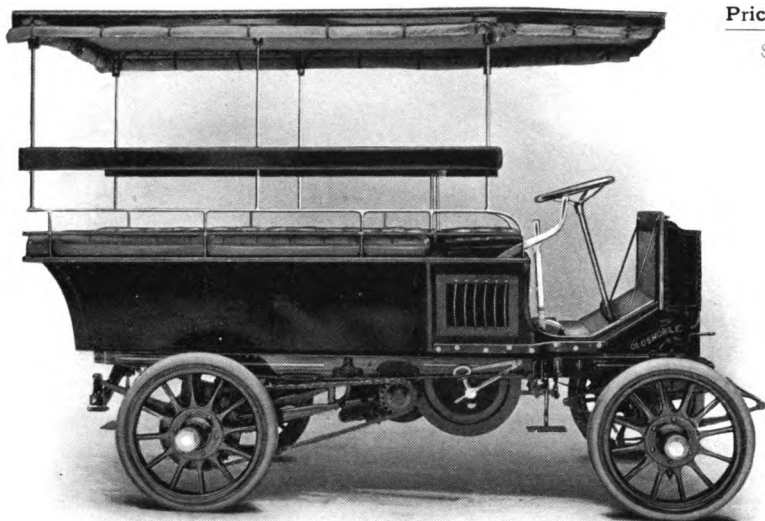
Transmission: Planetary.

Speeds: Two forward and one reverse.

Style of top: Canopy.

Descriptive catalogue sent upon application to the above-named company.

OLDS MOTOR WORKS, DETROIT, MICHIGAN



Price

\$2200

Model: OLDSMOBILE COACH.

Body: Wood.

Seating capacity: Eleven persons.

Wheel base: 83 inches.

Wheel tread: 55 inches.

Tire dimensions, front: 30 x 4½ inches, solid.

Tire dimensions, rear: 30 x 4½ inches, solid.

Steering: Wheel.

Brakes: Transmission, controlled by foot; internal hub, by hand lever.

Gasoline capacity: 11 gallons.

Frame: Pressed steel.

Horse-power: 16.

Number of cylinders: Two.

Cylinders arranged: Vertical, under seat.

Cooling: Water, disk radiator on front of dash.

Ignition: Jump spark.

Drive: Double side chain.

Transmission: Planetary, mounted on countershaft.

Speeds: Two forward and reverse.

Descriptive catalogue sent upon application to the above-named company.

OLDS MOTOR WORKS, DETROIT, MICHIGAN

Price

\$1000



Model: OLDSMOBILE LIGHT
DELIVERY CAR.

Body: Wood, with paneled or latticed
wire sides.

Seating capacity: Two persons; carry-
ing capacity, 1000 pounds.

Wheel base: 82 inches.

Wheel tread: 55 inches.

Tire dimensions, front: $30 \times 3\frac{1}{2}$ inches,
solid.

Tire dimensions, rear: $30 \times 3\frac{1}{2}$ inches,
solid.

Steering: Wheel, tilting post.

Brakes: On rear hubs and transmis-
sion, operated by foot.

Gasoline capacity: 7 gallons.

Frame: Angle steel.

Horse-power: 10.

Number of cylinders: One.

Cylinder arranged: Horizontal, cylin-
der head under footboard.

Cooling: Water, honeycomb radiator.

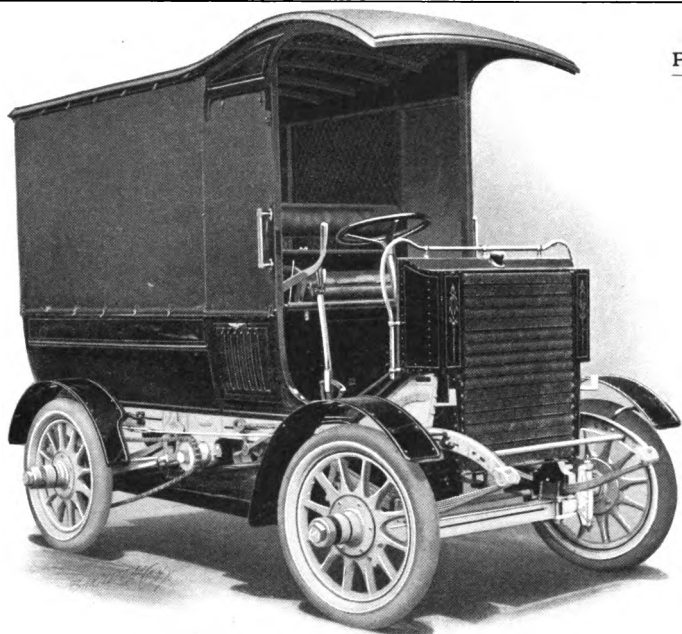
Ignition: Jump spark.

Drive: Chain.

Transmission: Planetary.

Speeds: Two forward and one re-
verse.

Descriptive catalogue sent upon application to the above-named company.



Price

\$2000

Model: OLDSMOBILE HEAVY
DELIVERY CAR.

Body: Wood, paneled or latticed wire
sides.

Seating capacity: Two persons; carry-
ing capacity, 2000 pounds.

Wheel base: 83 inches.

Wheel tread: 55 inches.

Tire dimensions, front: 30 x 4½ inches,
solid.

Tire dimensions, rear: 30 x 4½ inches,
solid.

Steering: Wheel.

Brakes: Transmission, controlled by
foot; internal hub, by hand lever.

Gasoline capacity: 11 gallons.

Frame: Pressed steel.

Horse-power: 16.

Number of cylinders: Two.

Cylinders arranged: Vertical, under
seat.

Cooling: Water, disk radiator on front
of dash.

Ignition: Jump spark.

Drive: Double side chain.

Transmission: Planetary, mounted on
countershaft.

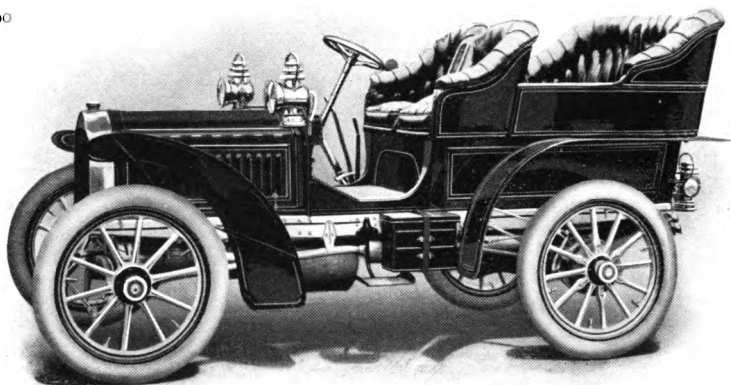
Speeds: Two forward and one re-
verse.

Descriptive catalogue sent upon application to the above-named company.

PACKARD MOTOR CAR COMPANY, DETROIT, MICHIGAN

Price

\$3000
with top
\$3100 to
\$3300



Model: "L."

Body: Aluminum, rear-entrance tonneau.

Color: Richelieu blue and cream yellow.

Seating capacity: Five persons.

Total weight: 2200 pounds.

Wheel base: 94 inches.

Wheel tread: 56½ inches.

Tire dimensions, front: 34 × 4 inches.

Tire dimensions, rear: 34 × 4 inches.

Steering: Wheel with worm and segment, irreversible.

Brakes: (Four) two expanding, two clamping; all operating direct on rear wheels.

Gasoline capacity: 20 gallons.

Frame: Pressed steel.

Horse-power: 22 brake.

Number of cylinders: Four.

Cylinders arranged: Vertically (fore and aft).

Cooling: Water (positive circulating).

Ignition: Jump spark.

Drive: Bevel gear.

Transmission: Sliding gear.

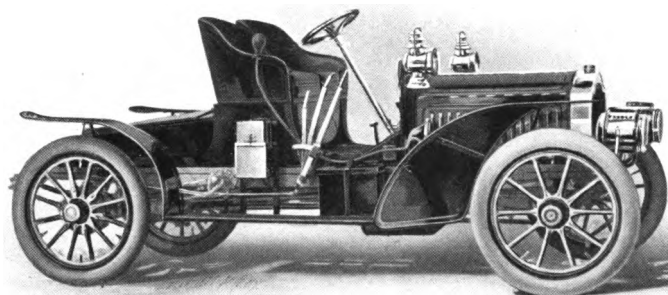
Speeds: Three forward, one reverse.

Style of top: Cape cart, victoria or glass front canopy.

Descriptive catalogue sent upon application to the above-named company.

Price

\$3400



Model: TWO - PASSENGER
SPECIAL.

Body: Wood with aluminum seats.

Color: Richelieu blue and cream
yellow.

Seating capacity: Two persons.

Total weight: 2150 pounds.

Wheel base: 106 inches.

Wheel tread: 56½ inches.

Tire dimensions, front: 34 x 4 inches.

Tire dimensions, rear: 34 x 4 inches.

Steering: Wheel with worm and seg-
ment, irreversible.

Brakes: Four, two expanding, two
clamping; all operating direct on
rear wheels.

Gasoline capacity: 20 gallons.

Frame: Pressed steel.

Horse-power: 28 brake.

Number of cylinders: Four.

Cylinders arranged: Vertically (fore
and aft).

Cooling: Water (positive circulating).

Ignition: Jump spark.

Drive: Bevel gear.

Transmission: Sliding gear.

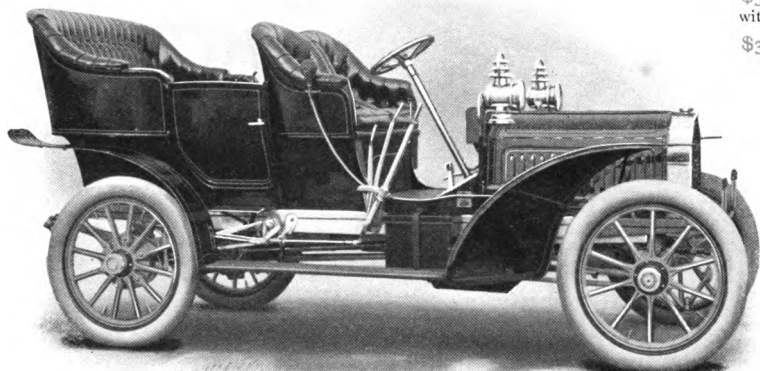
Speeds: Three forward, one reverse.

Style of top: Top not furnished.

Descriptive catalogue sent upon application to the above-named company.

Price

with top
\$3600 to
\$3800
without top
\$3500



Model: "N."

Body: Aluminum, double side entrance.

Color: Richelieu blue and cream yellow.

Seating capacity: Five persons.

Total weight: 2350 pounds.

Wheel base: 106 inches.

Wheel tread: 56½ inches.

Tire dimensions, front: 34 x 4 inches.

Tire dimensions, rear: 34 x 4 inches.

Steering: Wheel with worm and segment, irreversible.

Brakes: Four; two expanding, two clamping; all operating direct on rear wheels.

Gasoline capacity: 20 gallons.

Frame: Pressed steel.

Horse-power: 28 brake.

Number of cylinders: Four.

Cylinders arranged: Vertically (fore and aft).

Cooling: Water (positive circulating).

Ignition: Jump spark.

Drive: Bevel gear.

Transmission: Sliding gear.

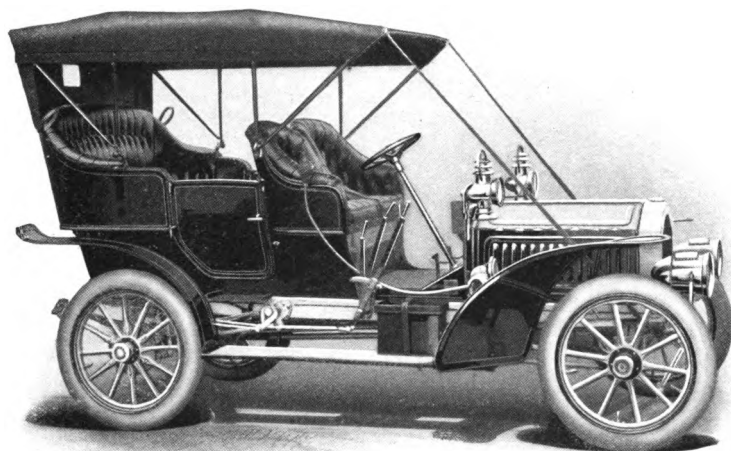
Speeds: Three forward, one reverse.

Style of top: Cape cart, extension cape cart, victoria or glass front canopy.

Descriptive catalogue sent upon application to the above-named company.

Price

with top
\$3675



Model: "N."

Body: Aluminum, double side entrance.

Color: Richelieu blue and cream yellow.

Seating capacity: Five persons.

Total weight: 2400 pounds.

Wheel base: 106 inches

Wheel tread: 56 $\frac{1}{2}$ inches.

Tire dimensions, front: 34 x 4 inches.

Tire dimensions, rear: 34 x 4 inches.

Steering: Wheel with worm and segment, irreversible.

Brakes: Four; two expanding, two clamping; all operating direct on rear wheels.

Gasoline capacity: 20 gallons.

Frame: Pressed steel.

Horse-power: 28 brake.

Number of cylinders: Four.

Cylinders arranged: Vertically (fore and aft).

Cooling: Water (positive circulating).

Ignition: Jump spark.

Drive: Bevel gear.

Transmission: Sliding gear.

Speeds: Three forward, one reverse.

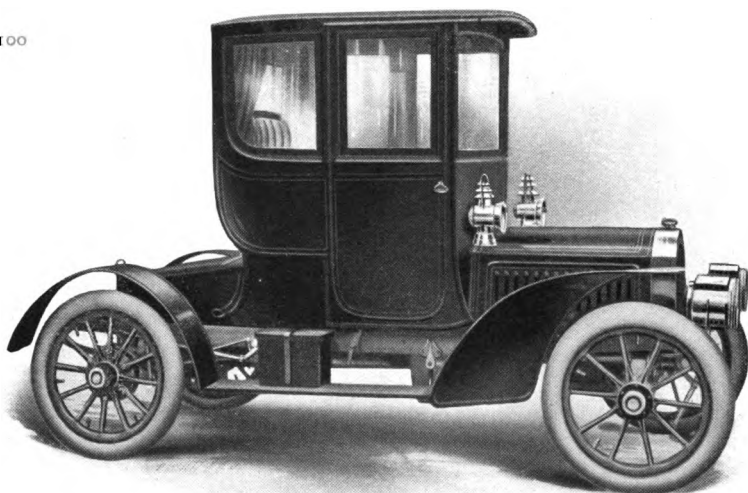
Style of top: Extension cape cart.

Descriptive catalogue sent upon application to the above-named company.

PACKARD MOTOR CAR COMPANY, DETROIT, MICHIGAN

Price

\$4100



Model: INSIDE-DRIVEN BROUGHAM.

Body: Wood.

Color: Body, Richelieu blue and black; running gear, cream yellow.

Seating capacity: Two persons.

Total weight: 2400 pounds.

Wheel base: 106 inches.

Wheel tread: 56½ inches.

Tire dimensions, front: 34 × 4 inches.

Tire dimensions, rear: 34 × 4 inches.

Steering: Wheel with worm and segment, irreversible.

Brakes: Four, two expanding, two clamping; all operating direct on rear wheels.

Gasoline capacity: 20 gallons.

Frame: Pressed steel.

Horse-power: 28 brake.

Number of cylinders: Four.

Cylinders arranged: Vertically (fore and aft).

Cooling: Water (positive circulating).

Ignition: Jump spark.

Drive: Bevel gear.

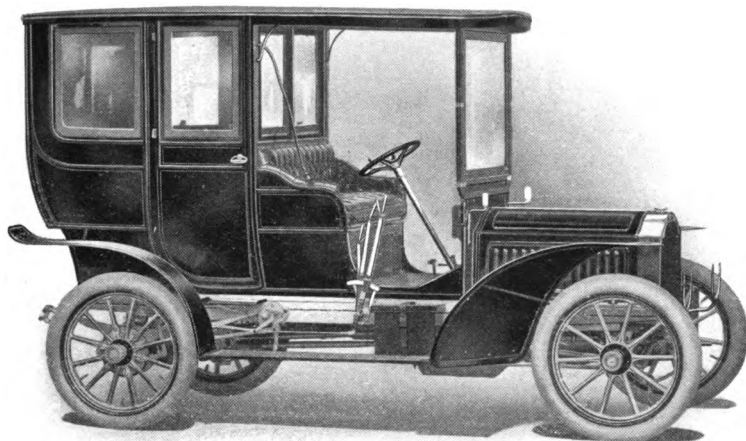
Transmission: Sliding gear.

Speeds: Three forward, one reverse.

Style of top: Brougham body only.

Descriptive catalogue sent upon application to the above-named company.

Price
\$4600



Model : PACKARD LIMOUSINE.

Body : Double side-entrance limousine.

Color : Body, Richelieu blue and black ; running gear, cream yellow.

Seating capacity : Four persons.

Total weight : 2550 pounds.

Wheel base : 106 inches.

Wheel tread : 56½ inches.

Tire dimensions, front : 34 × 4 inches.

Tire dimensions, rear : 34 × 4½ inches.

Steering : Wheel with worm and segment, irreversible.

Brakes : Four, two expanding, two clamping ; all operating direct on rear wheels.

Gasoline capacity : 20 gallons.

Frame : Pressed steel.

Horse-power : 28 brake.

Number of cylinders : Four.

Cylinders arranged : Vertically (fore and aft).

Cooling : Water (positive circulating).

Ignition : Jump spark.

Drive : Bevel gear.

Transmission : Sliding gear.

Speeds : Three forward, one reverse.

Descriptive catalogue sent upon application to the above-named company.

Price

with top

\$1300

without top

\$1200



Model: PIERCE STANHOPE.

Body: Stanhope, with folding front seat.

Color: Quaker green.

Seating capacity: Four persons.

Total weight: 1250 pounds.

Wheel base: 70 inches.

Wheel tread: 54 inches.

Tire dimensions, front: 30 x 3 inches.

Tire dimensions, rear: 30 x 3 inches.

Steering: Wheel.

Brakes: Hub.

Gasoline capacity: 5 gallons.

Frame: Shelby tubular steel.

Horse-power: 8 brake.

Number of cylinders: One.

Cylinder arranged: Vertically.

Cooling: Water, natural circulation.

Ignition: High-tension electric.

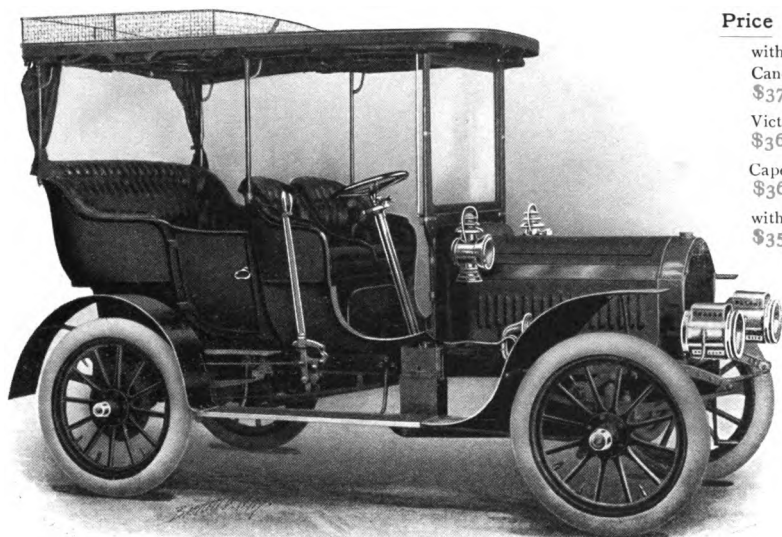
Drive: Spur gear.

Transmission: Planetary.

Speeds: Two forward and reverse.

Style of top: Buggy, victoria or canopy with glass front.

Descriptive catalogue sent upon application to the above-named company.



Price

with top

Canopy

\$3750

Victoria

\$3650

Cape

\$3650

without top

\$3500

Model: PIERCE GREAT ARROW.

Body: King of Belgians, cast aluminum, side entrance.

Color: Blue, with red running gear.

Seating capacity: Five persons.

Total weight: 2500 pounds.

Wheel base: 100 inches.

Wheel tread: 56 inches.

Tire dimensions, front: 34 x 4 inches.

Tire dimensions, rear: 34 x 4 inches.

Steering: Wheel.

Brakes: Internal and external on drums on both rear wheels.

Gasoline capacity: 17 gallons.

Frame: Pressed special carbon steel, channel section.

Horse-power: 24 to 28 brake.

Number of cylinders: Four.

Cylinders arranged: Vertically.

Cooling: Water with pump, tubular disc radiator and fan.

Ignition: Jump spark.

Drive: Bevel gear.

Transmission: Sliding gear.

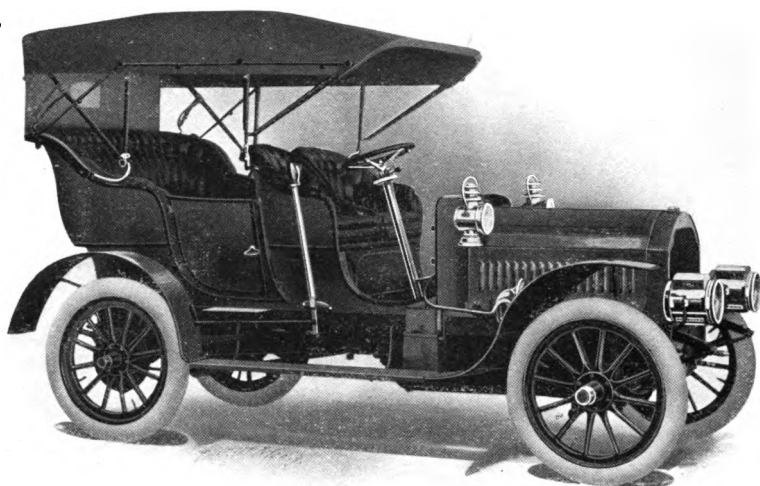
Speeds: Three forward and reverse.

Style of top: Canopy with glass front, victoria and cape.

Descriptive catalogue sent upon application to the above-named company.

Price

with top
Canopy
\$4250
Victoria
\$4150
Cape
\$4150
without
top
\$4000



Model: PIERCE GREAT ARROW.

Body: King of Belgians, cast aluminum, side entrance.

Color: Quaker green with red running gear.

Seating capacity: Five persons.

Total weight: 2700 pounds.

Wheel base: 104 inches.

Wheel tread: 56 inches.

Tire dimensions, front: 34 x 4 inches.

Tire dimensions, rear: 34 x 4 1/2 inches.

Steering: Wheel.

Brakes: Internal and external on drums on both rear wheels.

Gasoline capacity: 18 gallons.

Frame: Pressed special carbon steel, channel section.

Horse-power: 28 to 32 brake.

Number of cylinders: Four.

Cylinders arranged: Vertically.

Cooling: Water with pump, tubular disc radiator and fan.

Ignition: Jump spark.

Drive: Bevel gear.

Transmission: Sliding gear.

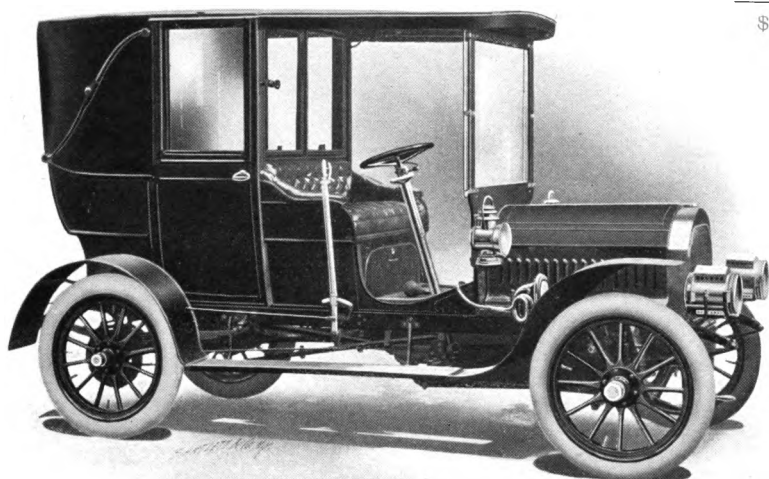
Speeds: Three forward and reverse.

Style of top: Canopy with glass front, victoria and cape.

Descriptive catalogue sent upon application to the above-named company.

Price

\$5000



Model: LANDAULET GREAT ARROW.

Body: Aluminum, side entrance.

Color: Special.

Seating capacity: Seven persons.

Total weight: 2900 pounds.

Wheel base: 109 inches.

Wheel tread: 56 inches.

Tire dimensions, front: 34 x 4 inches.

Tire dimensions, rear: 34 x 4½ inches.

Steering: Wheel.

Brakes: Internal and external on drums on both rear wheels.

Gasoline capacity: 18 gallons.

Frame: Pressed special carbon steel, channel section.

Horse-power: 28 to 32 brake.

Number of cylinders: Four.

Cylinders arranged: Vertically.

Cooling: Water with pump, tubular disc radiator and fan.

Ignition: Jump spark.

Drive: Bevel gear.

Transmission: Sliding gear.

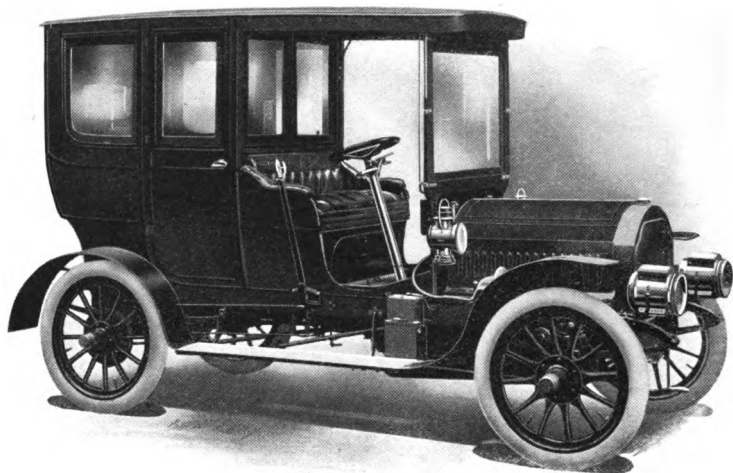
Speeds: Three forward and reverse.

Style: Landulet.

Descriptive catalogue sent upon application to the above-named company.

Price

\$5000



Model: SUBURBAN GREAT ARROW.

Body: Aluminum, side entrance.

Color: Special.

Seating capacity: Seven persons.

Total weight: 2950 pounds.

Wheel base: 109 inches.

Wheel tread: 56 inches.

Tire dimensions, front: 34 x 4 inches.

Tire dimensions, rear: 34 x 4 1/2 inches.

Steering: Wheel.

Brakes: Internal and external on drums on both rear wheels.

Gasoline capacity: 18 gallons.

Frame: Pressed special carbon steel, channel section.

Horse-power: 28 to 32 brake.

Number of cylinders: Four.

Cylinders arranged: Vertically.

Cooling: Water with pump, tubular disc radiator and fan.

Ignition: Jump spark.

Drive: Bevel gear.

Transmission: Sliding gear.

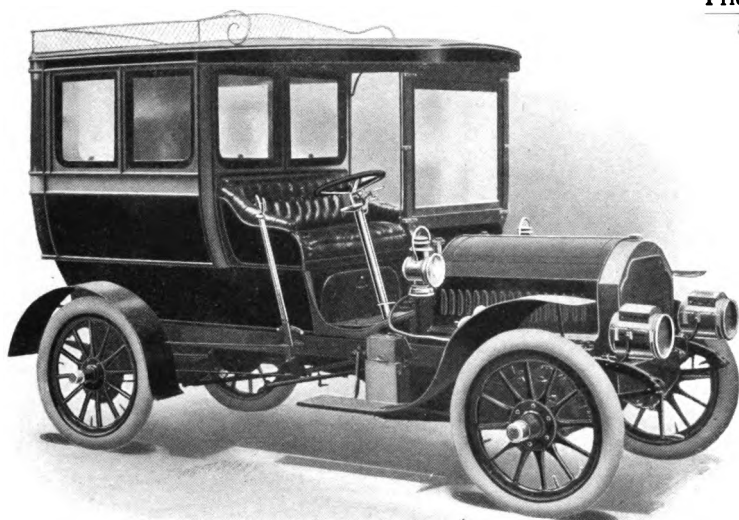
Speeds: Three forward and reverse.

Style: Suburban.

Descriptive catalogue sent upon application to the above-named company.

Price

\$5000



Model: OPERA COACH GREAT ARROW.

Body: Aluminum, rear entrance.

Color: Special.

Seating capacity: Eight persons.

Total weight: 2950 pounds.

Wheel base: 109 inches.

Wheel tread: 56 inches.

Tire dimensions, front: 34 x 4 inches.

Tire dimensions, rear: 34 x 4 1/2 inches.

Steering: Wheel.

Brakes: Internal and external on drums on both rear wheels.

Gasoline capacity: 18 gallons.

Frame: Pressed special carbon steel, channel section.

Horse-power: 28 to 32.

Number of cylinders: Four.

Cylinders arranged: Vertically.

Cooling: Water with pump, tubular disc radiator and fan.

Ignition: Jump spark.

Drive: Bevel gear.

Transmission: Sliding gear.

Speeds: Three forward and reverse.

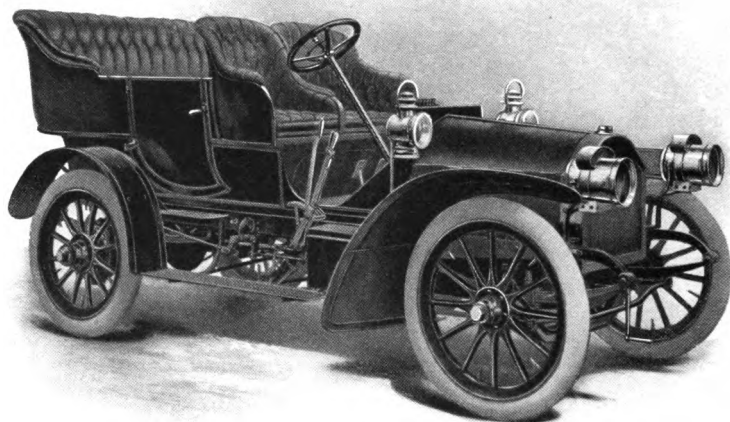
Style: Opera coach.

Descriptive catalogue sent upon application to the above-named company.

THE PEERLESS MOTOR CAR COMPANY, CLEVELAND, OHIO

Price

with top
according
to kind.
Without
top
\$3200



Model: No. 9.

Body: King of Belgians (side doors.)

Color: Optional.

Seating capacity: Five persons.

Total weight: Approximate 2400
pounds

Wheel base: 102 inches.

Wheel tread: Standard.

Tire dimensions, front: 34 x 4 inches.

Tire dimensions, rear: 34 x 4½ inches.

Steering: Wheel.

Brakes: Foot lever operating on
wheels, emergency operating on
wheels.

Gasoline capacity: 18 gallons.

Frame: Pressed steel.

Horse-power: 24.

Number of cylinders: Four.

Cylinders arranged: Vertical in front.

Cooling: Water, vertical tubular radi-
ator.

Ignition: Jump spark by magneto or
storage batteries.

Drive: Bevel gear.

Transmission: Sliding gears.

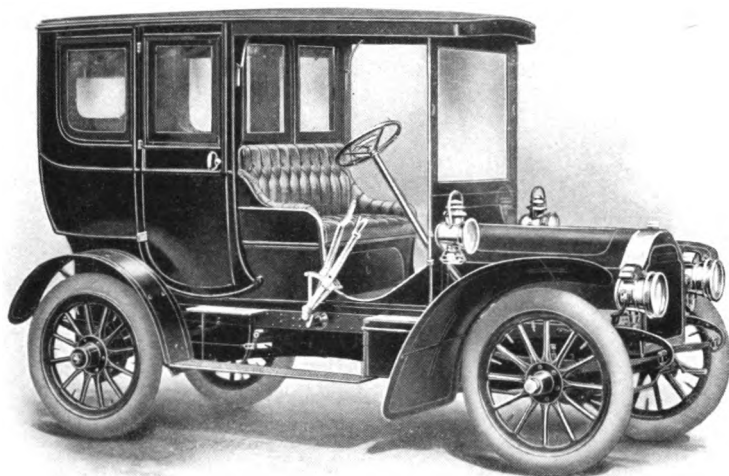
Speeds: Four forward, one reverse.

Style of top: Optional.

Descriptive catalogue sent upon application to the above-named company.

Price

\$4000



Body: LIMOUSINE (side doors).

Color: Optional.

Seating capacity: Five persons (three inside).

Wheel base: 102 inches.

Wheel tread: Standard.

Tire dimensions, front: 34 x 4 inches.

Tire dimensions, rear: 34 x 4 1/2 inches.

Steering: Wheel.

Brakes: Foot lever operating on wheels, emergency operating on wheels.

Gasoline capacity: 18 gallons.

Frame: Pressed steel.

Horse-power: 24.

Number of cylinders: Four.

Cylinders arranged: Vertical in front.

Cooling: Water, vertical tubular radiator.

Ignition: Jump spark by magneto or storage batteries.

Drive: Bevel gear.

Transmission: Sliding gears.

Speeds: Four forward, one reverse.

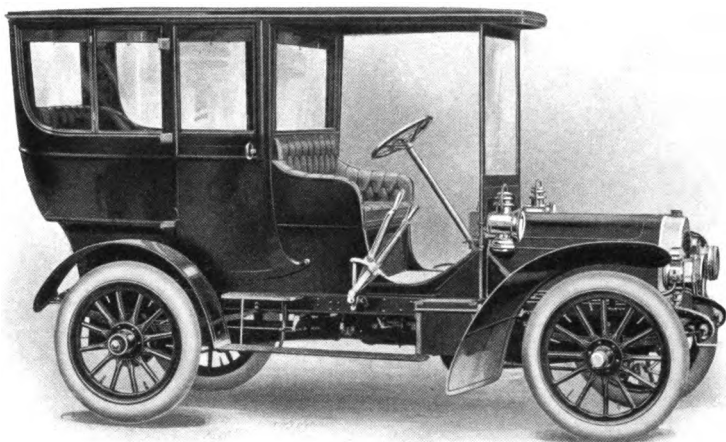
Style of top: Limousine.

Descriptive catalogue sent upon application to the above-named company.

THE PEERLESS MOTOR CAR COMPANY, CLEVELAND, OHIO

Price

\$4000



Body: LIMOUSINE (side doors).

Color: Optional.

Seating capacity: Seven persons (five inside).

Wheel base: 102 inches.

Wheel tread: Standard.

Tire dimensions, front: 34 x 4 inches.

Tire dimensions, rear: 34 x 4½ inches.

Steering: Wheel.

Brakes: Foot lever operating on wheels, emergency operating on wheels.

Gasoline capacity: 18 gallons.

Frame: Pressed steel.

Horse-power: 24.

Number of cylinders: Four.

Cylinders arranged: Vertical in front.

Cooling: Water, vertical tubular radiator.

Ignition: Jump spark by magneto or storage batteries.

Drive: Bevel gear.

Transmission: Sliding gears.

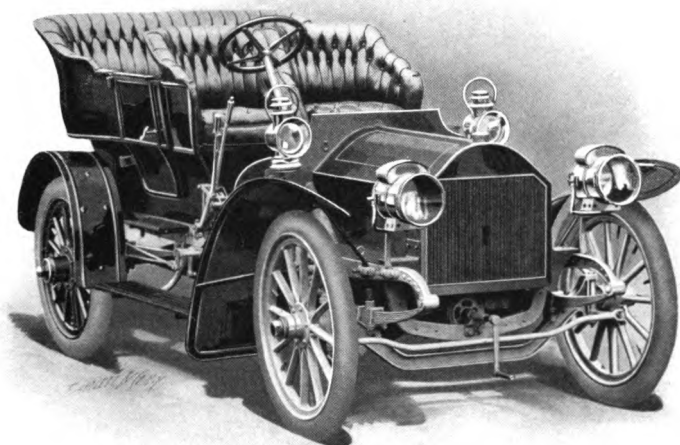
Speeds: Four forward, one reverse.

Style of top: Limousine.

Descriptive catalogue sent upon application to the above-named company.

Price

\$4000



Model: No. 11.

Body: King of Belgians (side doors).

Color: Optional.

Seating capacity: Five persons.

Total weight: Approximate 2800 pounds.

Wheel base: 104 inches.

Wheel tread: Standard.

Tire dimensions, front: 34 x 4 inches.

Tire dimensions, rear: 34 x 4 1/2 inches.

Steering: Wheel.

Brakes: Foot lever operating on wheels, emergency operating on wheels.

Gasoline capacity: 18 gallons.

Frame: Pressed steel.

Horse-power: 35.

Number of cylinders: Four.

Cylinders arranged: Vertical in front.

Cooling: Water, vertical tubular radiator.

Ignition: Jump spark by magneto or storage batteries.

Drive: Bevel gear.

Transmission: Sliding gears.

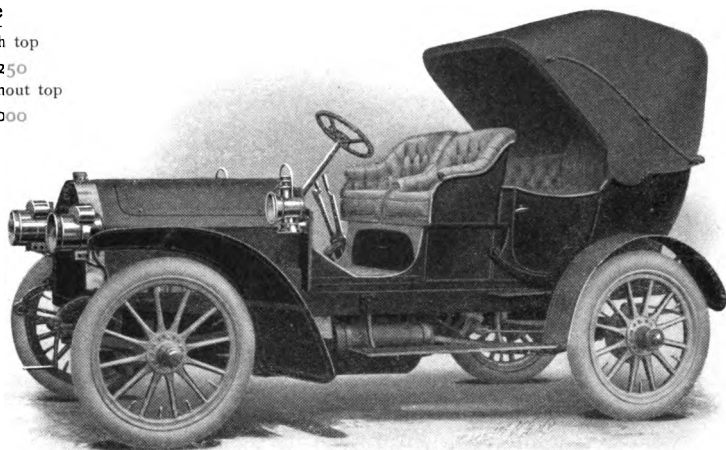
Speeds: Four forward and one reverse.

Style of top: Optional.

Descriptive catalogue sent upon application to the above-named company.

Price

with top
\$6250
without top
\$6000



Model : No. 12.

Body : Victoria detachable tonneau.

Color : Optional.

Seating capacity : Five persons.

Total weight : Approximate 2900 pounds.

Wheel base : 107 inches.

Wheel tread : Standard.

Tire dimensions, front : 36 x 4 inches.

Tire dimensions, rear : 36 x 4½ inches.

Steering : Wheel.

Brakes : Foot lever operating on wheels, emergency operating on wheels.

Gasoline capacity : 18 gallons.

Frame : Pressed steel.

Horse-power : 60.

Number of cylinders : Four.

Cylinders arranged : Vertical in front.

Cooling : Water, vertical tubular radiator.

Ignition : Jump spark by magneto or storage batteries.

Drive : Bevel gear.

Transmission : Sliding gears.

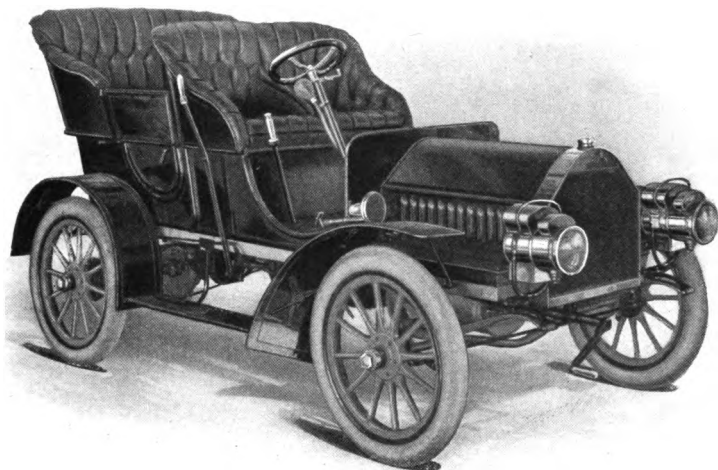
Speeds : Four forward and one reverse.

Style of top : Victoria.

Descriptive catalogue sent upon application to the above-named company.

Price

\$900



Model: POPE-TRIBUNE, side-door tonneau, Model 4.

Body: Wood, detachable tonneau, divided front seat.

Color: Cumberland blue, cream running gear.

Seating capacity: Four persons.

Total weight: 1575 pounds.

Wheel base: 82 inches.

Wheel tread: 56 inches.

Tire dimensions, front: 30 x 3½ inches.

Tire dimensions, rear: 30 x 3½ inches.

Steering: Wheel.

Brakes: Two in rear wheel drums one on propeller shaft.

Gasoline capacity: 8 gallons.

Frame: Angle steel.

Horse-power: 12.

Number of cylinders: Two.

Cylinders arranged: Vertical tandem.

Cooling: Water, pump driven from secondary shaft.

Ignition: Jump spark.

Drive: Direct with bevel gears.

Transmission: Individual clutch.

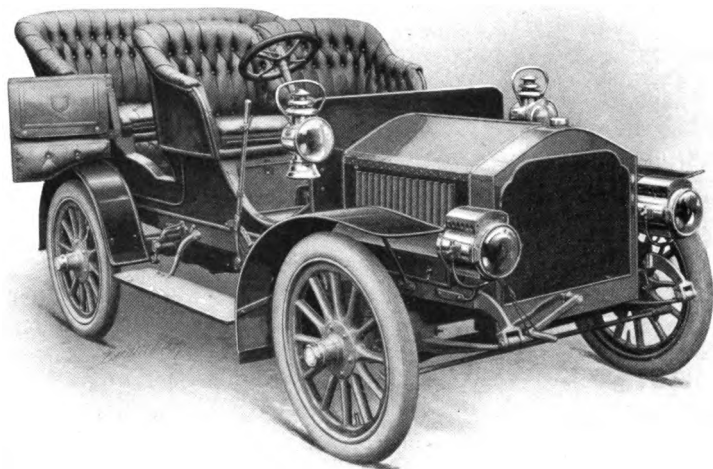
Speeds: Three forward, one reverse.

Style of top: None furnished.

Descriptive catalogue sent upon application to the above-named company.

Price

\$1600



Model: POPE - HARTFORD,
Model D.

Body: Laminated wood, with divided
front seat and side-door tonneau.

Color: Royal purple, cream running
gear.

Seating capacity: Five persons.

Total weight: 2000 pounds.

Wheel base: 88 inches.

Wheel tread: 56 inches.

Tire dimensions, front: 30 x 3½ inches.

Tire dimensions, rear: 30 x 3½ inches.

Steering: Wheel, worm and sector.

Brakes: Two in rear wheel drums;
one on propeller shaft.

Gasoline capacity: 11 gallons.

Frame: Armored oak.

Horse-power: 16.

Number of cylinders: Two.

Cylinders arranged: Horizontal op-
posed, crosswise.

Cooling: Water, pump driven from
secondary shaft.

Ignition: Jump spark from two sets
of dry cell batteries.

Drive: Direct with bevel gears.

Transmission: Sliding gear.

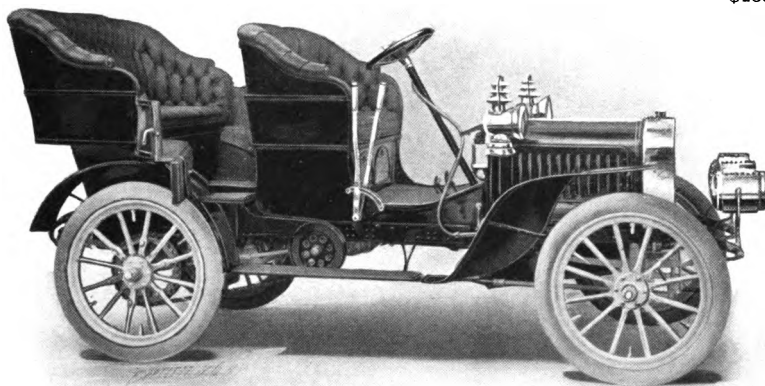
Speeds: Three forward, one reverse.

Style of top: None furnished.

Descriptive catalogue sent upon application to the above-named company.

Price

with top
\$3050
without top
\$2800



Model: POPE-TOLEDO, TYPE X

Body: Side entrance, wood ; seats and tonneau, mirror-finished steel.

Color: Auto red, Brewster green, royal blue, royal blue and cream.

Seating capacity: Five persons.

Total weight: 1800 pounds.

Wheel base: 88 inches.

Wheel tread: 54 inches.

Tire dimensions, front: 32 x 3½ inches, detachable.

Tire dimensions, rear: 32 x 3½ inches, detachable.

Steering: Irreversible, worm and segment type.

Brakes: Main brake on drive shaft, two powerful band brakes on rear wheels.

Gasoline capacity: 8 gallons.

Frame: Channel steel of new design.

Horse-power: 20.

Number of cylinders: Four.

Cylinders arranged: Vertically.

Cooling: Water, planetic radiator.

Ignition: Jump spark.

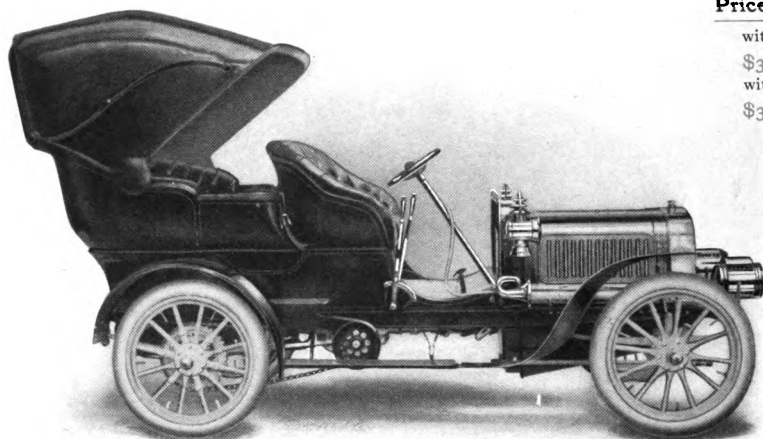
Drive: Double chain, countershaft.

Transmission: Sliding gear, ball bearing.

Speeds: Three forward and reverse.

Style of top: Canopy, victoria, extension cape cart.

Descriptive catalogue sent upon application to the above-named company.



Price

with top

\$3750

without top

\$3500

Model: POPE-TOLEDO, TYPE VIII.

Body: Side entrance, wood ; seats and tonneau, mirror-finished steel.

Color: Auto red, Brewster green, royal blue, royal blue and cream.

Seating capacity: Five persons.

Total weight: 2450 pounds.

Wheel base: 100 inches.

Wheel tread: 56 inches.

Tire dimensions, front: 34 x 4 inches, detachable.

Tire dimensions, rear: 34 x 4 inches, detachable.

Steering: Tilting wheel, irreversible worm and segment type.

Brakes: Main brake on drive shaft, internal expanding on rear wheels.

Gasoline capacity: 14 gallons.

Frame: Channel steel of new design.

Horse-power: 30.

Number of cylinders: Four.

Cylinders arranged: Vertically.

Cooling: Water, planetic radiator.

Ignition: Jump spark.

Drive: Double chain, countershaft.

Transmission: Sliding gear, ball bearing.

Speeds: Three forward and reverse.

Style of top: Canopy, victoria, extension cape cart.

Descriptive catalogue sent upon application to the above-named company.

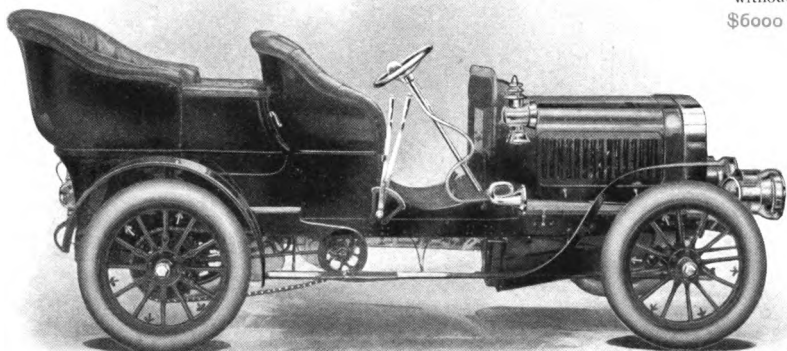
Price

with top

\$5250

without top

\$6000



Model: POPE-TOLEDO, TYPE IX.

Body: Side entrance, wood; seats and tonneau, mirror-finished steel.

Color: Auto red, Brewster green, royal blue, royal blue and cream.

Seating capacity: Five persons.

Total weight: 2650 pounds.

Wheel base: 104 inches.

Wheel tread: 56 inches.

Tire dimensions, front: 34 x 4½ inches, detachable.

Tire dimensions, rear: 34 x 4½ inches, detachable.

Steering: Tilting wheel, irreversible worm and segment type.

Brakes: Main brake on drive shaft, internal expanding on rear wheels.

Gasoline capacity: 14 gallons.

Frame: Channel steel of new design.

Horse-power: 45.

Number of cylinders: Four.

Cylinders arranged: Vertically.

Cooling: Water, planetic radiator.

Ignition: Jump spark.

Drive: Double chain, countershaft.

Transmission: Sliding gear, ball bearing.

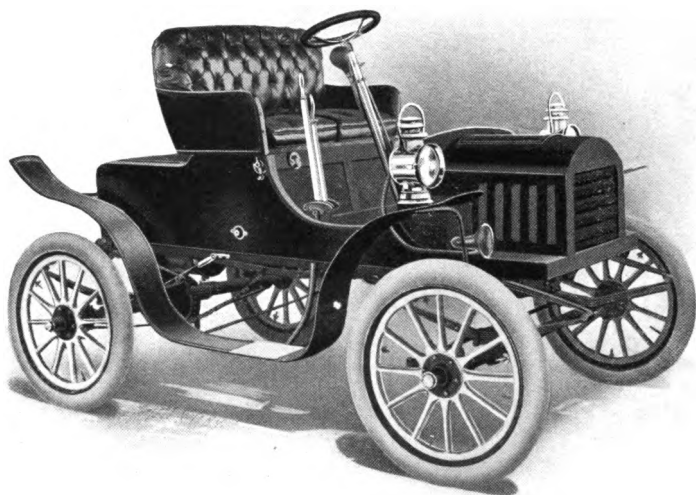
Speeds: Three forward and reverse.

Style of top: Canopy, victoria, extension cape cart.

Descriptive catalogue sent upon application to the above-named company.

Price

\$650



Model: "COURIER" "F."

Body: Wood.

Color: Red.

Seating capacity: Two persons.

Total weight: 1100 pounds.

Wheel base: 70 inches.

Wheel tread: 54 inches.

Tire dimensions, front: 28 x 3 inches.

Tire dimensions, rear: 28 x 3 inches.

Steering: Wheel.

Brakes: On differential gear.

Gasoline capacity: 5 gallons.

Frame: Angle steel.

Horse-power: 7.

Number of cylinders: One.

Cylinder arranged: Horizontal, under body.

Cooling: Water.

Ignition: Jump spark and battery.

Drive: Chain.

Transmission: Sliding gear.

Speeds: Two forward and one reverse.

Style of top: Runabout.

Descriptive catalogue sent upon application to the above-named company.

THE SANDUSKY AUTOMOBILE COMPANY, SANDUSKY, OHIO

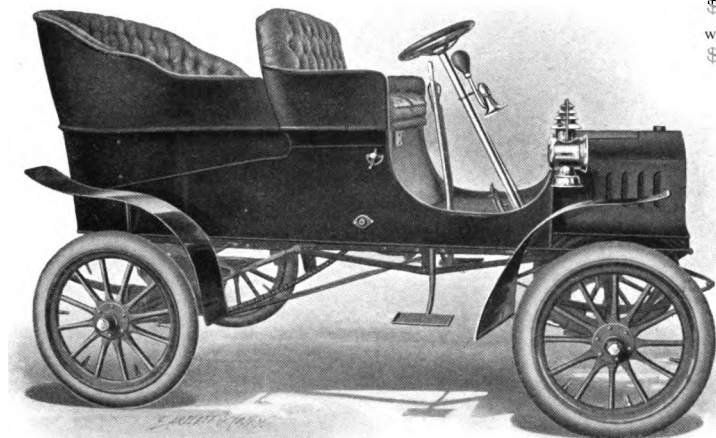
Price

with tonneau

\$800

without tonneau

\$700



Model: "COURIER" "H."

Body: Detachable tonneau.

Color: Dark green.

Seating capacity: Four persons.

Total weight: 1150 pounds.

Wheel base: 76 inches.

Wheel tread: 56 inches.

Tire dimensions, front: 28 x 3 inches.

Tire dimensions, rear: 28 x 3 inches.

Steering: Wheel.

Brakes: Rear axle, double bands.

Gasoline capacity: 6 gallons.

Frame: Angle steel.

Horse-power: 8.

Number of cylinders: One.

Cylinder arranged: Horizontal,
under body.

Cooling: Water.

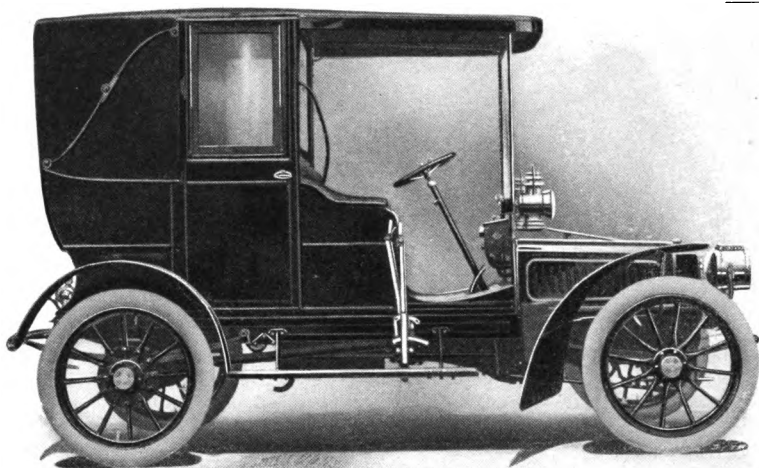
Ignition: Jump spark and battery.

Drive: Chain.

Transmission: Sliding gear.

Speeds: Two forward and one reverse.

Descriptive catalogue sent upon application to the above-named company.



Price

with top
\$6500

Model: DECAUVILLE, 16-20.

Body: Side-entrance landaulet.

Color: Any.

Seating capacity: Fivepersons.

Total weight: 2200 pounds.

Wheel base: 106 inches.

Wheel tread: 52 inches.

Tire dimensions, front: 875 x 105 m/m.

Tire dimensions, rear: 875 x 105 m/m.

Steering: Wheel.

Brakes: Three.

Gasoline capacity: 15 gallons.

Frame: Pressed steel.

Horse-power: 16-20.

Number of cylinders: Four.

Cylinders arranged: Vertically.

Cooling: Water.

Ignition: Jump spark by magneto and battery.

Drive: Bevel gear.

Transmission: Sliding gear.

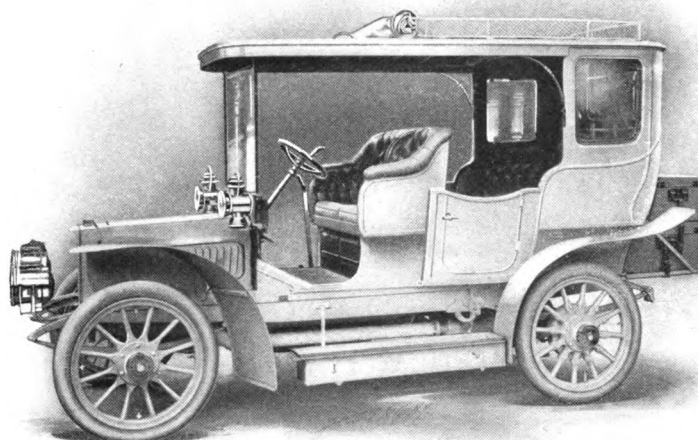
Speeds: Three forward and reverse.

Style of top: Any.

Descriptive catalogue sent upon application to the above-named company.

Price

\$7400
with top
\$7900



Model: DECAUVILLE, 24-28.

Body: Side entrance.

Color: Any.

Seating capacity: Eight persons.

Total weight: 2250 pounds.

Wheel base: 110 inches.

Wheel tread: 57 inches.

Tire dimensions, front: 880 x 120 m/m.

Tire dimensions, rear: 880 x 120 m/m.

Steering: Wheel.

Brakes: Three.

Gasoline capacity: 20 gallons.

Frame: Pressed steel.

Horse-power: 24-28.

Number of cylinders: Four.

Cylinders arranged: Vertically.

Cooling: Water.

Ignition: Jump spark by magneto and battery.

Drive: Bevel gear.

Transmission: Sliding gear.

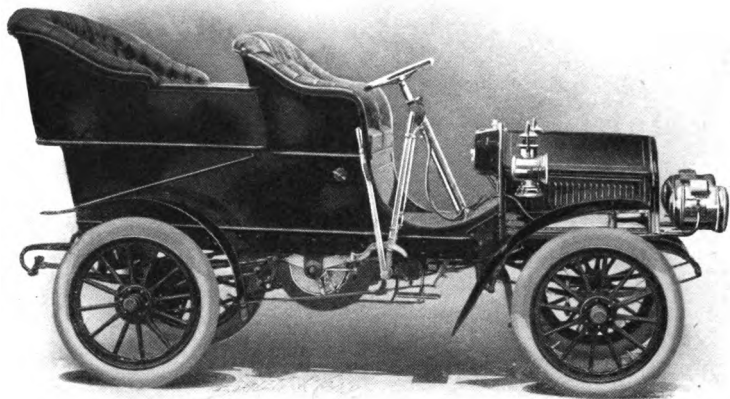
Speeds: Four forward and reverse.

Style of top: Any.

Descriptive catalogue sent upon application to the above-named company.

Price

\$1250



Model : STUDEBAKER No. 9502.

Body : Rear entrance.

Color : Dark blue, maroon or dark green.

Seating capacity : Five persons.

Total weight : 1950 pounds.

Wheel base : 82 inches.

Wheel tread : 56½ inches.

Tire dimensions, front : 30 x 3½ inches.

Tire dimensions, rear : 30 x 3½ inches.

Steering : Wheel.

Brakes : Two sets, one on rear hubs, other on differential

Gasoline capacity : 10 gallons.

Frame : Armored wood.

Horse-power : 15.

Number of cylinders : Two.

Cylinders arranged : Horizontal opposed.

Cooling : Water, gear-driven pump.

Ignition : Jump spark.

Drive : Chain.

Transmission : Planetary.

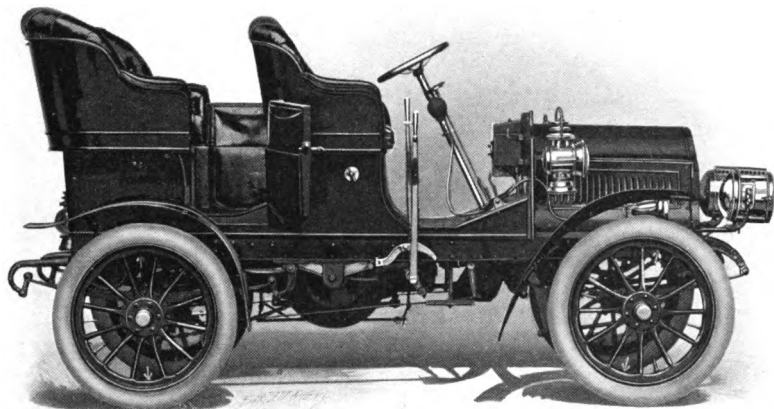
Speeds : Two forward, one reverse.

Style of top : As desired, as extra equipment.

Descriptive catalogue sent upon application to the above-named company.

Price

\$1350



Model: STUDEBAKER No. 9502.

Body: Side entrance.

Color: Dark green or dark blue.

Seating capacity: Five persons.

Total weight: 1950 pounds.

Wheel base: 82 inches.

Wheel tread: 56½ inches.

Tire dimensions, front: 30 x 3½ inches.

Tire dimensions, rear: 30 x 3½ inches.

Steering: Wheel.

Brakes: Two sets, one on rear hubs, other on differential.

Gasoline capacity: 10 gallons.

Frame: Armored wood.

Horse-power: 15.

Number of cylinders: Two.

Cylinders arranged: Horizontal opposed.

Cooling: Water, gear-driven pump.

Ignition: Jump spark.

Drive: Chain.

Transmission: Planetary.

Speeds: Two forward, one reverse.

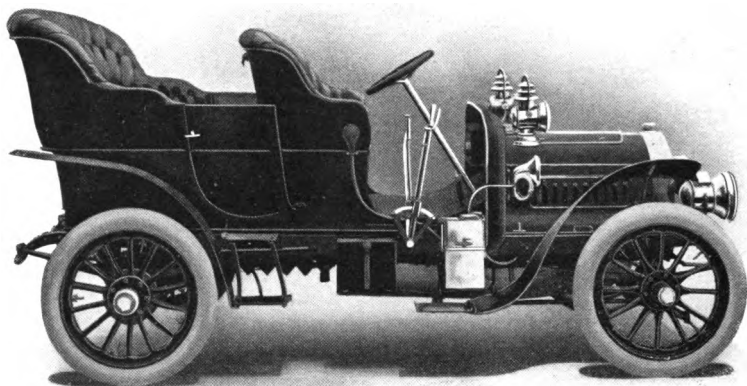
Style of top: As desired, as extra equipment.

Descriptive catalogue sent upon application to the above-named company.

STUDEBAKER AUTOMOBILE CO., SOUTH BEND, IND.

Price

\$3000



Model : STUDEBAKER No. 9503.

Body : Side entrance.

Color : Dark blue or dark green.

Seating capacity : Five persons.

Total weight : 2100 pounds.

Wheel base : 96 inches.

Wheel tread : 54 inches.

Tire dimensions, front : 32 x 4 inches.

Tire dimensions, rear : 32 x 4 inches.

Steering : Wheel.

Brakes : Hand lever, internal expanding on both rear wheels, foot lever on driving shaft.

Gasoline capacity : 14 gallons.

Frame : Pressed steel.

Horse-power : 20.

Number of cylinders : Four.

Cylinders arranged : Vertical in front.

Cooling : Water, tubular radiator, fan.

Ignition : Jump spark with dynamo and auxiliary storage battery.

Drive : Bevel gear.

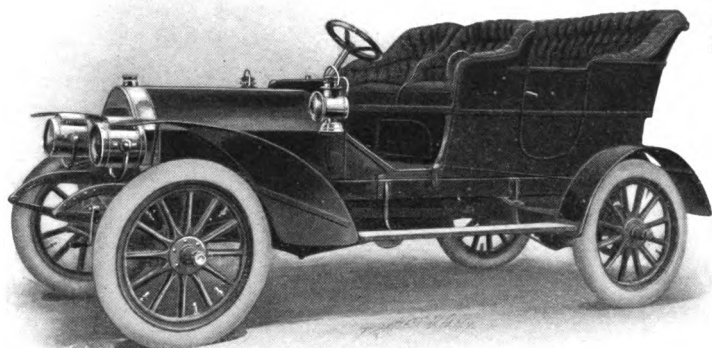
Transmission : Sliding gear.

Speeds : Three forward and one reverse.

Style of top : As desired, as extra equipment.

Descriptive catalogue sent upon application to the above-named company.

THE STANDARD MOTOR CONSTRUCTION CO., JERSEY CITY, N. J.



Price

with top
\$3750
without top
\$3500
chassis
\$3000

Model: STANDARD.

Body: Wood.

Color: To order.

Seating capacity: Five persons.

Total weight: 2200 pounds.

Wheel base: 109 inches.

Wheel tread: 54 inches.

Tire dimensions, front: 34 x 4 inches.

Tire dimensions, rear: 34 x 4 inches.

Steering: Wheel.

Brakes: On each rear wheel hub and one on shaft.

Gasoline capacity: 15 gallons.

Frame: Pressed steel.

Horse-power: 25.

Number of cylinders: Four.

Cylinders arranged: Vertical.

Cooling: Water, cellular radiator.

Ignition: Make and break with magneto.

Drive: Bevel gear.

Transmission: Sliding gears, direct drive on top speed.

Speeds: Three forward and one reverse.

Style of top: Canopy top with glass front and curtains.

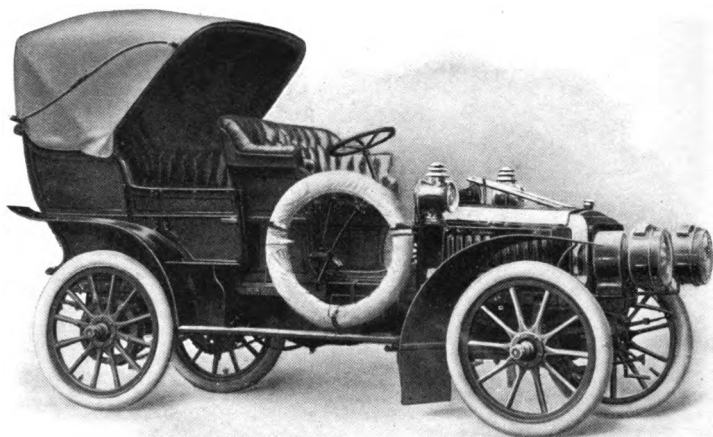
Descriptive catalogue sent upon application to the above-named company.

Price

\$6590

chassis

\$4600



Model : PANHARD - LEVASSOR,
15 horse-power.

Body: Labordette side door K. of B.

Color: Optional.

Seating capacity: Four to five persons.

Total weight : Chassis, 2095 pounds.

Wheel base : 113 inches.

Wheel tread : 54 inches.

Tire dimensions, front : 910 x 90 m/m.

Tire dimensions, rear : 910 x 90 m/m.

Steering : Wheel, worm and sector.

Brakes: Two ; pedal operating on differential, emergency on both rear wheels.

Gasoline capacity : 18-20 gallons.

Frame: Armored wood, steel reinforced.

Horse-power : 15.

Number of cylinders : Four.

Cylinders arranged : Vertical, single.

Cooling : Water circulation, centrifugal pump, cellular radiator and fan.

Ignition : Jump spark, battery and magneto.

Drive : Double chains to both rear wheels.

Transmission : Sliding gears.

Speeds : Four forward and one reverse.

Style of top : Khaki, cape cart.

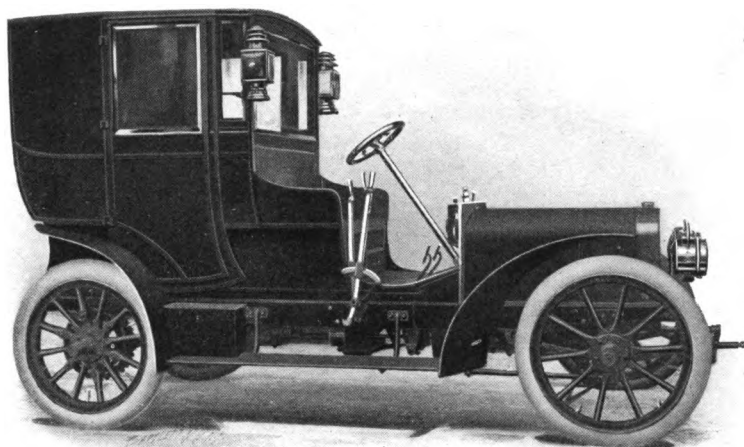
Descriptive catalogue sent upon application to the above-named company.

Price

\$7000

chassis

\$5000



Model: S. & M. SIMPLEX, 30 horse-power.

Body: Extension front brougham.

Color: Optional.

Seating capacity: Four to five persons.

Total weight: Chassis, 2090 pounds.

Wheel base: 106 inches.

Wheel tread: 54 inches.

Tire dimensions, front: 910 x 90 m/m.

Tire dimensions, rear: 920 x 120 m/m.

Steering: Wheel, positive acting worm and sector combination.

Brakes: Foot pedal acting on differential. Emergency act.ng on both rear wheels. All double acting.

Gasoline capacity: 26½ gallons.

Frame: Pressed steel.

Horse-power: 30.

Number of cylinders: Four.

Cylinders arranged: Vertical.

Cooling: Water circulation, gear-driven centrifugal pump, cellular cooler and fan.

Ignition: Jump spark through coil or magneto or both.

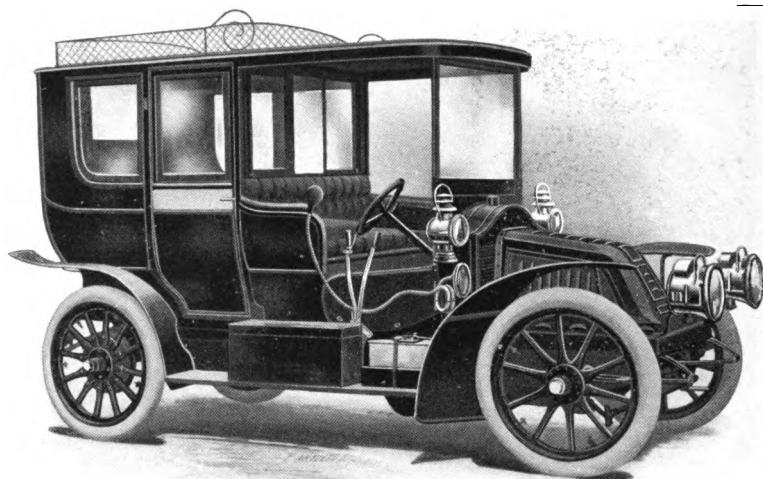
Drive: Double chain to rear wheels.

Transmission: Sliding gear.

Speeds: Four forward and one reverse.

Style of top: All styles.

Descriptive catalogue sent upon application to the above-named company.



Price

\$7250
chassis

\$5400

Model: RENAULT 1905, 20-30 horse-power.

Body: Side door limousine.

Color: Optional.

Seating capacity: Four to five persons.

Total weight: 1800 to 2000 pounds.

Wheel base: 2.20 meter chassis, 107 inches; 2.55 meter chassis, 115 inches.

Wheel tread: 54 inches.

Tire dimensions, front: 870 x 90 m/m.

Tire dimensions, rear: 870 x 90 m/m.

Steering: Wheel worm and sector combination.

Brakes: Three; expansion, operating on driving shaft and both rear wheels.

Gasoline capacity: 15 gallons.

Frame: Pressed steel of new design.

Horse-power: 20-30.

Number of cylinders: Four.

Cylinders arranged: Vertical in pairs.

Cooling: Water, thermo-syphon system, radiator on dash; self-regulating and air circulation.

Ignition: Jump spark; Simms-Bosch magneto.

Drive: Direct bevel gear to rear live axle.

Transmission: Sliding and rolling gear.

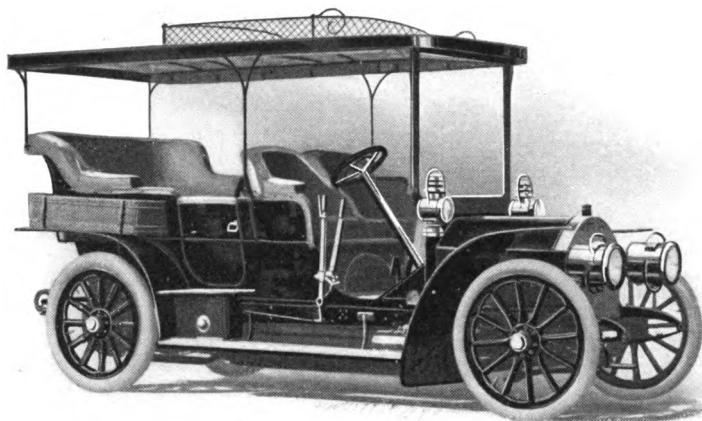
Speeds: Three forward, one reverse.

Descriptive catalogue sent upon application to the above-named company.

Price

\$12,065
chassis

\$10,150



Model : MERCEDES 1905, 40 - 45
horse-power.

Body : Vedrine, side door K. of B.

Color : Optional.

Seating capacity : Five persons.

Total weight : Chassis, 2112 pounds.

Wheel base : 123 inches.

Wheel tread : 56 inches.

Tire dimensions, front : 910 x 90 m/m.

Tire dimensions, rear : 920 x 120 m/m.

Steering : Wheel, positive-acting worm
and sector combination.

Brakes : Three ; on differential, coun-
tershaft and expansion on both rear
wheels (water cooled).

Gasoline capacity : 25 gallons.

Frame : Pressed steel in four lengths.

Horse-power : 40-50 (also 28-32, 70
and 90).

Number of cylinders : Four.

Cylinders arranged : Vertical, cast in
pairs.

Cooling : Water circulation, cellular
cooler, air circulation by fan in fly-
wheel.

Ignition : Make and break, magneto.

Drive : Chains to each rear wheel.

Transmission : Sliding gear.

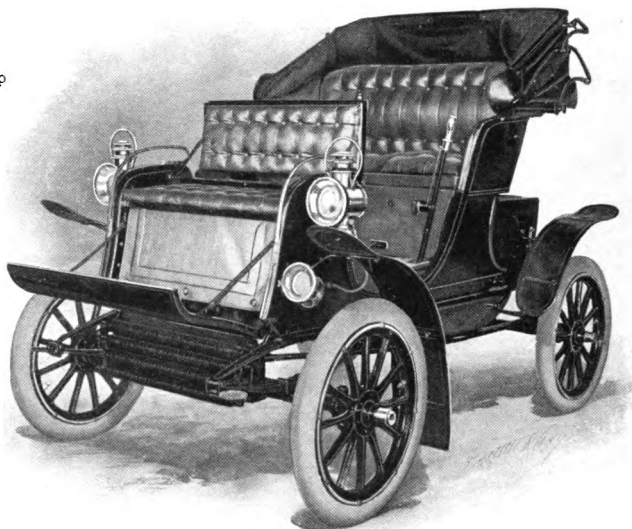
Speeds : Four forward and reverse.

Style of top : Canopy, glass front and
rear.

Descriptive catalogue sent upon application to the above-named company.

Price

with top
\$1300
without top
\$1250



Model: "L" STEVENS-DURYEA.

Frame: Tubular.

Body: Wood, folding front seat.

Horse-power: 7.

Color: Maroon.

Number of cylinders: Two.

Seating capacity: Two or four persons.

Cylinders arranged: Horizontal.

Total weight: 1350 pounds.

Cooling: Water.

Wheel base: 69 inches.

Ignition: Jump spark.

Wheel tread: 54 inches.

Drive: Chain.

Tire dimensions, front: 28 x 3 inches.

Transmission: Individual clutch system.

Tire dimensions, rear: 28 x 3 inches.

Steering: One spoke of wheel steerer.

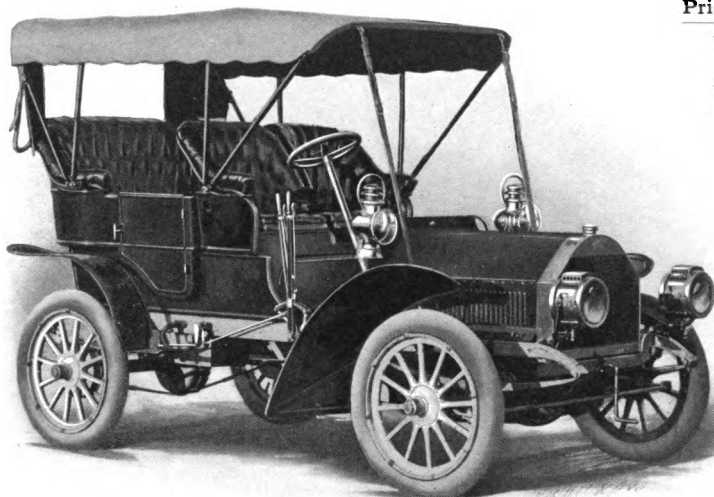
Speeds: Three forward and reverse.

Brakes: Two.

Style of top: Victoria or buggy.

Gasoline capacity: 6 gallons.

Descriptive catalogue sent upon application to the above-named company.



Price

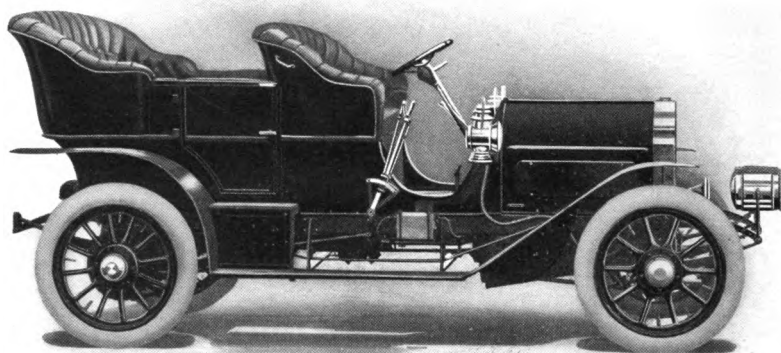
with top
\$2575
without top
\$2500

- | | |
|--|--|
| Model: "R" STEVENS-DURYEA. | Gasoline capacity: 14 gallons. |
| Body: Aluminum, tulip style, side entrance. | Frame: Pressed steel. |
| Color: Body, perfect blue, glazed; gear, Naples yellow. | Horse-power: 20. |
| Seating capacity: Five persons. | Number of cylinders: Four. |
| Total weight: 1700 pounds. | Cylinders arranged: Vertically, in front, individual. |
| Wheel base: 90 inches. | Cooling: Water. |
| Wheel tread: 56 inches. | Ignition: Jump spark. |
| Tire dimensions, front: 30 x 3½ inches. | Drive: Bevel gear. |
| Tire dimensions, rear: 30 x 3½ inches. | Transmission: Sliding gear. |
| Steering: Wheel. | Speeds: Three forward and reverse. |
| Brakes: Three. | Style of top: Extension folding. |

Descriptive catalogue sent upon application to the above-named company.

Price

\$4000



Model : STEARNS 1905.

Body : French type, side doors.

Color : Optional.

Seating capacity : Seven persons.

Total weight : 2700 pounds.

Wheel base : 118 inches.

Wheel tread : 56 inches.

Tire dimensions, front : 34 x 4½ inches.

Tire dimensions, rear : 34 x 4½ inches.

Steering : Wheel.

Brakes : Hand lever, inner expansion on both rear hubs, foot brake on differential.

Gasoline capacity : 18 gallons.

Frame : Pressed steel.

Horse-power : 32-40.

Number of cylinders : Four.

Cylinders arranged : Vertical, in pairs, in front.

Cooling : Water, special pattern radiator, fan.

Ignition : High tension, magneto.

Drive : Double side chain.

Transmission : Sliding gear.

Speeds : Four forward, one reverse.

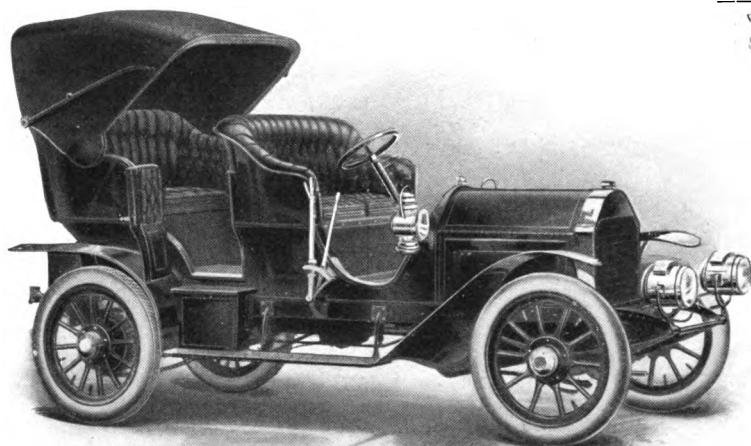
Style of top : As desired.

Descriptive catalogue sent upon application to the above-named company.

Price

with top

\$4150



Model : STEARNS 1905, with top.

Body : French type, side doors.

Color : Optional.

Seating capacity : Seven persons.

Total weight : 2700 pounds.

Wheel base : 118 inches.

Wheel tread : 56 inches.

Tire dimensions, front : 34 x 4½ inches.

Tire dimensions, rear : 34 x 4½ inches.

Steering : Wheel.

Brakes : Hand lever, inner expansion on both rear hubs ; foot brake on differential.

Gasoline capacity : 18 gallons.

Frame : Pressed steel.

Horse-power : 32-40.

Number of cylinders : Four.

Cylinders arranged : Vertical, in pairs, in front.

Cooling : Water, special pattern radiator and fan.

Ignition : High tension, magneto.

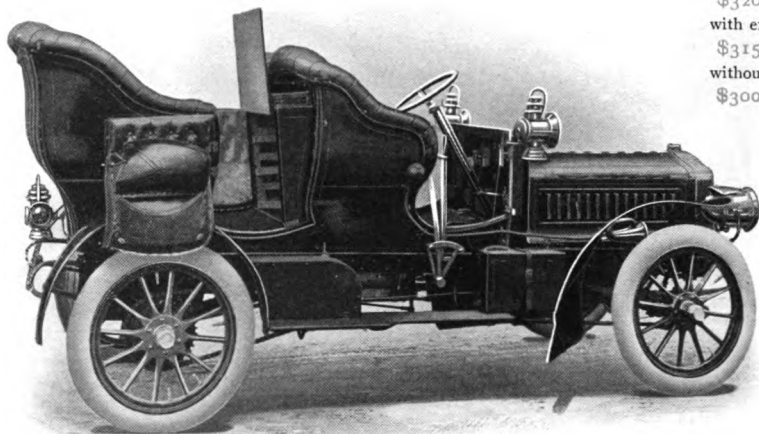
Drive : Double side chain.

Transmission : Sliding gear.

Speeds : Four forward, one reverse.

Style of top : As desired.

Descriptive catalogue sent upon application to the above-named company.



Price

with canopy top
\$3200
with extension top
\$3150
without top
\$3000

Model: No. 25.

Body: Touring, side-entrance tonneau, made of metal and patented.

Color: Royal green or automobile red.

Seating capacity: Five to seven persons.

Total weight: 2400 pounds.

Wheel base: 106 inches.

Wheel tread: Standard.

Tire dimensions, front: 34 x 4 inches.

Tire dimensions, rear: 34 x 4 1/2 inches.

Steering: Irreversible wheel.

Brakes: Two emergency brakes on hub drums and foot brake on countershaft.

Gasoline capacity: 19 gallons.

Frame: Pressed cold-rolled steel.

Horse-power: 40.

Number of cylinders: Four.

Cylinders arranged: Vertical under hood.

Cooling: Water, cellular radiator and rotary pump.

Ignition: Jump spark, storage and dry cell batteries.

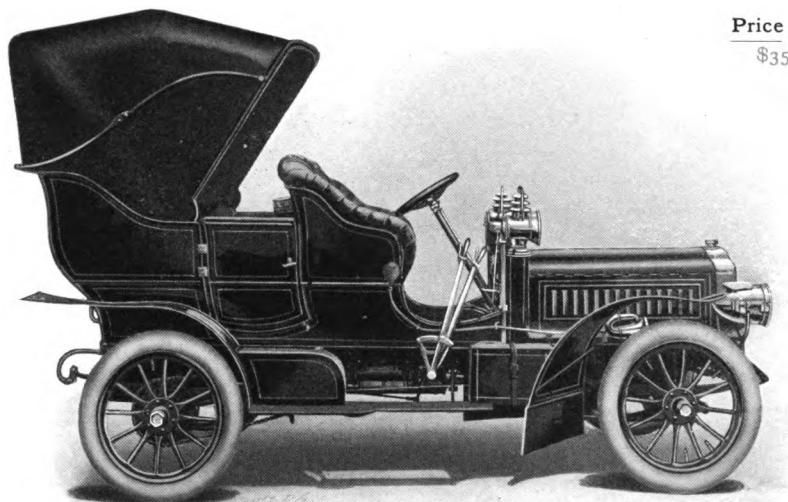
Drive: Double side chain.

Transmission: Sliding gear, direct drive on high speed.

Speeds: Three forward and reverse.

Style of top: Either canopy or extension.

Descriptive catalogue sent upon application to the above-named company.



Price

\$35.00

Model: No. 26.

Body: Side-entrance tonneau, made on patented dust-proof lines.

Color: French grey.

Seating capacity: Five to seven persons.

Total weight: 2600 pounds.

Wheel base: 110 inches.

Wheel tread: Standard.

Tire dimensions, front: 34 x 4½ inches.

Tire dimensions, rear: 34 x 4½ inches.

Steering: Irreversible wheel, wheel hard rubber.

Brakes: Emergency brake on hub drums and foot brake on counter-shaft.

Gasoline capacity: 19 gallons.

Frame: Pressed cold-rolled steel.

Horse-power: 50.

Number of cylinders: Four.

Cylinders arranged: Vertical under hood.

Cooling: Water, cellular radiator, rotary pump.

Ignition: Jump spark, storage and dry cell batteries.

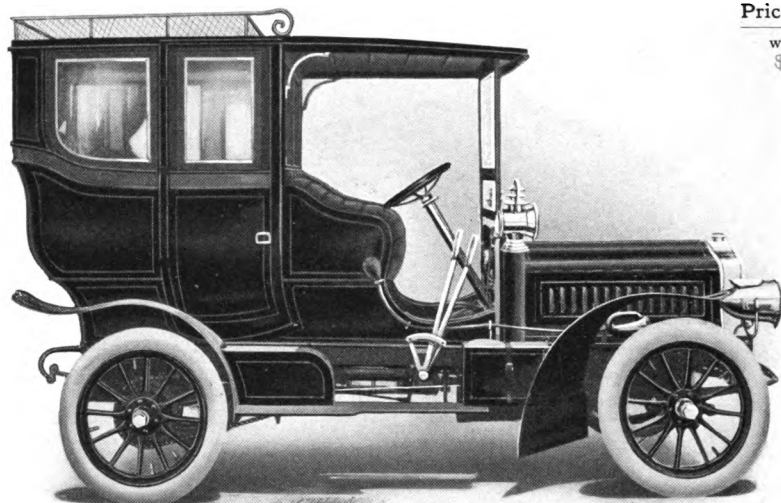
Drive: Double side chain.

Transmission: Sliding gear, direct drive on high speed.

Speeds: Three forward and reverse.

Style of top: Victoria top, regular equipment.

Descriptive catalogue sent upon application to the above-named company.



Price
with top
\$4500

Model: No. 29.

Body: Limousine.

Color: Optional.

Seating capacity: Seven persons.

Wheel base: 110 inches.

Wheel tread: Standard.

Tire dimensions, front: $34 \times 4\frac{1}{2}$ inches.

Tire dimensions, rear: $34 \times 4\frac{1}{2}$ inches.

Steering: Irreversible wheel.

Brakes: Emergency brake on hub drums and foot brake on counter-shaft.

Gasoline capacity: 19 gallons.

Frame: Pressed cold-rolled steel.

Horse-power: 50.

Number of cylinders: Four.

Cylinders arranged: Vertical under hood.

Cooling: Water, cellular radiator, rotary pump.

Ignition: Jump spark, storage and dry cell batteries.

Drive: Double side chain.

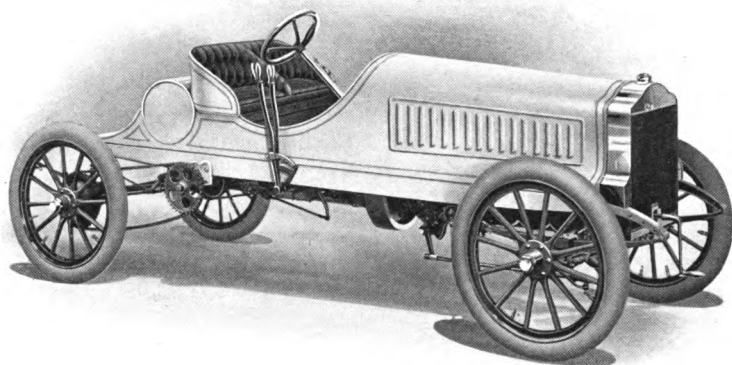
Transmission: Sliding gear, direct on high speed.

Speeds: Three forward and reverse.

Descriptive catalogue sent upon application to the above-named company.

Price

with canopy
\$6200
with extension
\$6150
without top
\$6000



Model: No. 27.

Body: Side-entrance tonneau on patent dust-proof lines, or racing.

Color: Optional.

Seating capacity: Five to seven persons.

Total weight: 2800 pounds with tonneau, 2400 pounds with racing body.

Wheel base: 120 inches.

Wheel tread: Standard.

Tire dimensions, front: 36 x 4½ inches.

Tire dimensions, rear: 36 x 4½ inches.

Steering: Irreversible wheel.

Brakes: Emergency brake on hub drums and foot brake on counter-shaft.

Gasoline capacity: 19 gallons (any size tank made for racer).

Frame: Pressed cold-rolled steel

Horse-power: 60.

Number of cylinders: Six.

Cylinders arranged: Vertical under hood.

Cooling: Water, cellular radiator, rotary pump.

Ignition: Jump spark, storage and dry cell batteries.

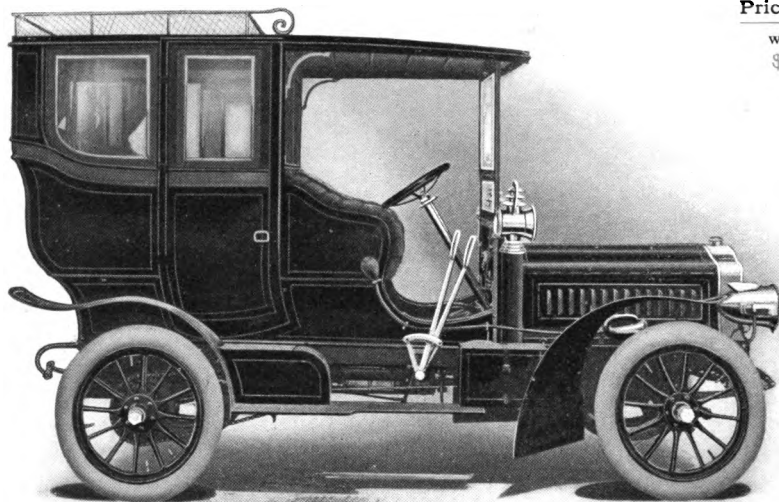
Drive: Double side chain.

Transmission: Sliding gear, direct on high speed.

Speeds: Three forward and reverse.

Style of top: Canopy or extension.

Descriptive catalogue sent upon application to the above-named company.



Price
with top
\$7000

Model: No. 30.

Body: Limousine.

Color: Optional.

Seating capacity: Seven persons.

Wheel base: 120 inches.

Wheel tread: Standard.

Tire dimensions, front: 36 x 4 $\frac{1}{2}$ inches.

Tire dimensions, rear: 36 x 4 $\frac{1}{2}$ inches.

Steering: Irreversible wheel.

Brakes: Emergency brake on hub drums and foot brake on counter-shaft.

Gasoline capacity: 19 gallons.

Frame: Cold pressed steel.

Horse-power: 60.

Number of cylinders: Six.

Cylinders arranged: Vertical under hood.

Cooling: Water, cellular radiator, rotary pump.

Ignition: Jump spark, storage and dry cell batteries.

Drive: Double side chain.

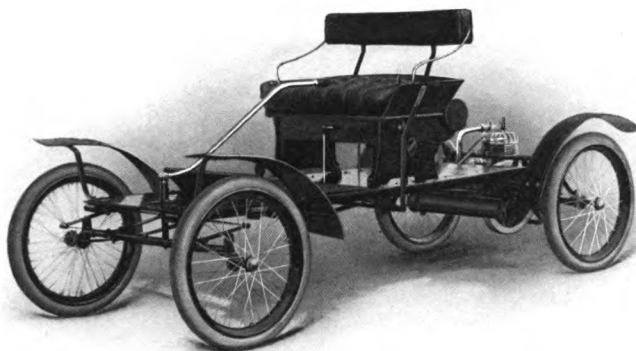
Transmission: Sliding gear, direct on high speed.

Speeds: Three forward and reverse.

Descriptive catalogue sent upon application to the above-named company.

Price

\$375
with top
\$397



Model: ORIENT BUCKBOARD.

Body: Wood.

Color: Natural oak.

Seating capacity: Two persons.

Total weight: 500 pounds.

Wheel base: 80 inches.

Wheel tread: 42 inches.

Tire dimensions, front: 26 x 2½ inches.

Tire dimensions, rear: 26 x 2½ inches.

Steering: Tiller.

Brakes: One.

Gasoline capacity: 3 gallons.

Frame: Tubular.

Horse-power: 4.

Number of cylinders: One.

Cylinder arranged: In rear.

Cooling: Air.

Ignition: Jump spark.

Drive: Spur gear.

Transmission: Planetary.

Speeds: Two.

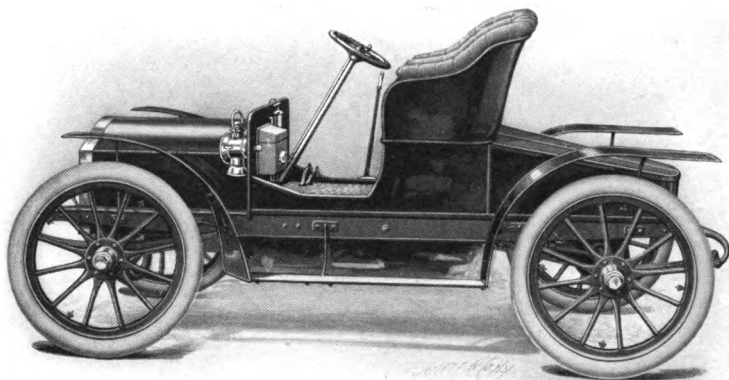
Style of top: Canopy.

Descriptive catalogue sent upon application to the above-named company.

WALTHAM MANUFACTURING CO., WALTHAM, MASS.

Price

\$1500



Model: "E" TOURING RUN-ABOUT.

Body: Semi-racing model, wood.

Color: Olive green, black striping, red running gear.

Seating capacity: Two persons.

Total weight: 1350 pounds.

Wheel base: 82 inches.

Wheel tread: 56 inches.

Tire dimensions, front: 30 x 3½ inches.

Tire dimensions, rear: 30 x 3½ inches.

Steering: Wheel.

Brakes: Band and emergency.

Gasoline capacity: 7 gallons.

Frame: Pressed steel.

Horse-power: 16.

Number of cylinders: Four.

Cylinders arranged: Vertical tandem in front.

Cooling: Air, with fan.

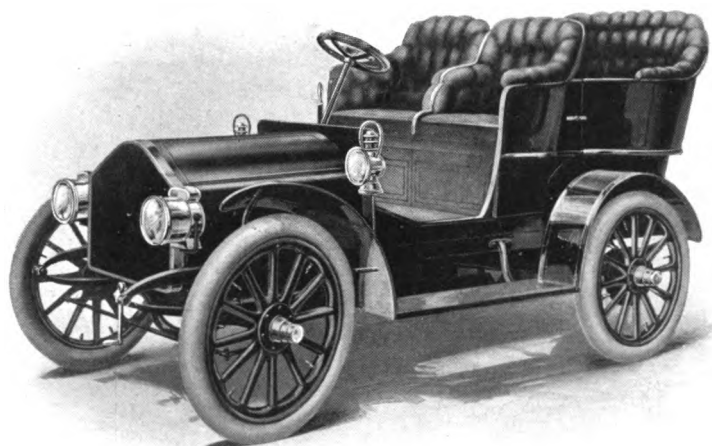
Ignition: Jump spark, two sets of batteries.

Drive: Direct, bevel gear.

Transmission: Sliding gear.

Speeds: Three forward and one reverse.

Descriptive catalogue sent upon application to the above-named company.



Price

\$1650

Model: ORIENT LIGHT TOUR-
ING CAR.

Body: Side entrance tonneau.

Color: Quaker green, running gear
carmine.

Seating capacity: Four to five persons.

Total weight: 1450 pounds.

Wheel base: 82 inches.

Wheel tread: 56 inches.

Tire dimensions, front: 30 x 3½ inches.

Tire dimensions, rear: 30 x 3½ inches.

Steering: Wheel.

Brakes: Two.

Gasoline capacity: 7 gallons.

Frame: Pressed steel.

Horse-power: 14-16.

Number of cylinders: Four.

Cylinders arranged: Vertical in front.

Cooling: Air.

Ignition: Jump spark; two sets of
batteries.

Drive: Direct, bevel gear.

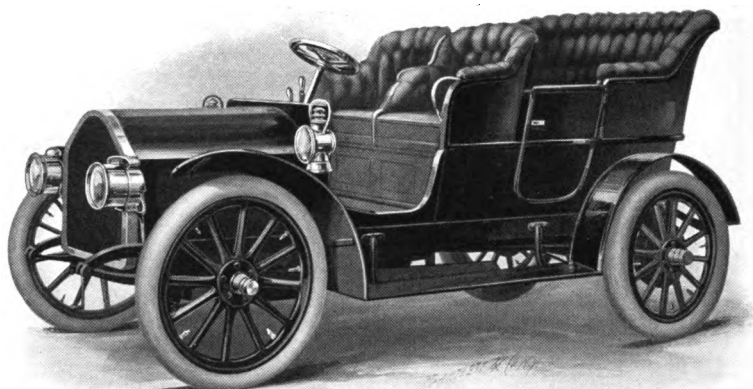
Transmission: Sliding gear.

Speeds: Three forward and reverse.

Descriptive catalogue sent upon application to the above-named company.

Price

\$2250



Model: DE LUXE TOURING CAR.

Body: Tonneau, double side entrance.

Color: Body, olive green; gear, red; black striping.

Seating capacity: Five persons.

Total weight: 1650 pounds.

Wheel base: 96 inches.

Wheel tread: 56 inches.

Tire dimensions, front: 32 x 3½ inches.

Tire dimensions, rear: 32 x 3½ inches.

Steering: Wheel.

Brakes: Band and emergency.

Gasoline capacity: 10 gallons.

Frame: Pressed steel.

Horse-power: 20.

Number of cylinders: Four.

Cylinders arranged: Vertical, tandem.

Cooling: Air.

Ignition: Jump spark with two sets of batteries.

Drive: Direct, bevel gear.

Transmission: Sliding gear.

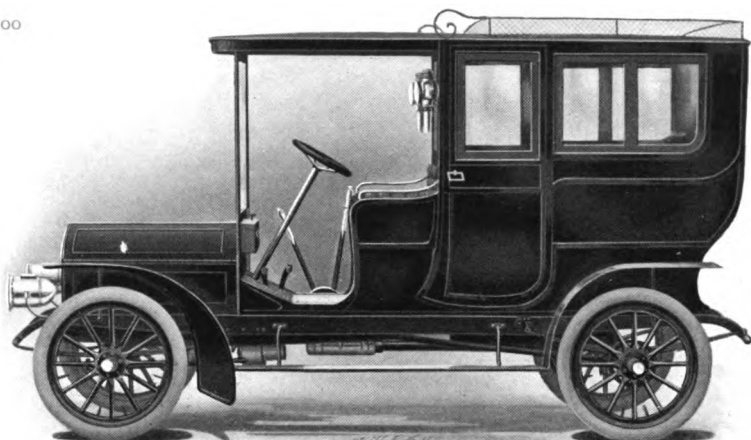
Speeds: Three forward and one reverse.

Descriptive catalogue sent upon application to the above-named company.

WALTHAM MANUFACTURING CO., WALTHAM, MASS.

Price

\$3200



Model: ORIENT LIMOUSINE.

Body: Wood, side door entrance.

Color: Body, olive green; gear, red; black striping.

Seating capacity: Seven persons.

Total weight: 2200 pounds.

Wheel base: 110 inches.

Wheel tread: 56 inches.

Tire dimensions, front: 32 x 4 inches.

Tire dimensions, rear: 32 x 4 inches.

Steering: Wheel.

Brakes: Hand lever on both rear wheels, foot lever on countershaft.

Gasoline capacity: 10 gallons.

Frame: Pressed steel.

Horse-power: 20.

Number of cylinders: Four.

Cylinders arranged: Vertical, tandem.

Cooling: Air.

Ignition: Jump spark, two sets of batteries.

Drive: Direct, bevel gear.

Transmission: Sliding gear.

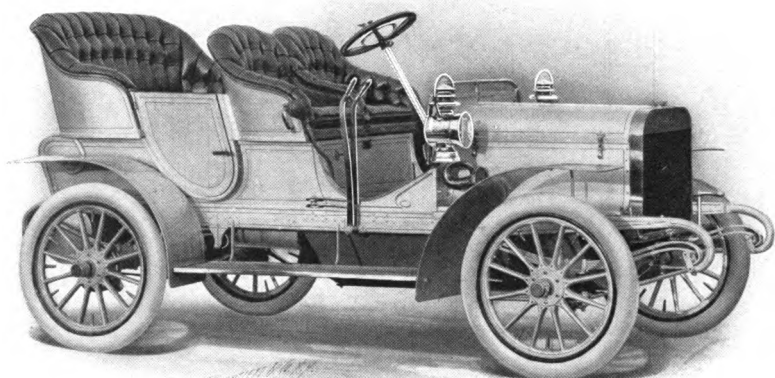
Speeds: Three forward and one reverse.

Descriptive catalogue sent upon application to the above-named company.

THE WINTON MOTOR CARRIAGE CO., CLEVELAND, OHIO

Price

without top
\$1800



Model : "C".

Body : Side-entrance tonneau.

Color : Silver grey or maroon.

Seating capacity : Five persons.

Total weight : 1800 pounds.

Wheel base : 88 inches.

Wheel tread : 56½ inches.

Tire dimensions, front : 30 x 3½ inches.

Tire dimensions, rear : 30 x 3½ inches.

Steering : Screw and nut.

Brakes : Three.

Gasoline capacity : 15 gallons.

Frame : One-piece, channel section, pressed steel.

Horse-power : 16-20.

Number of cylinders : Four.

Cylinders arranged : Vertical under bonnet.

Cooling : Water, centrifugal pump.

Ignition : Jump spark, gear-driven magneto, single non-vibrator coil.

Drive : Longitudinal shaft.

Transmission : Individual clutch.

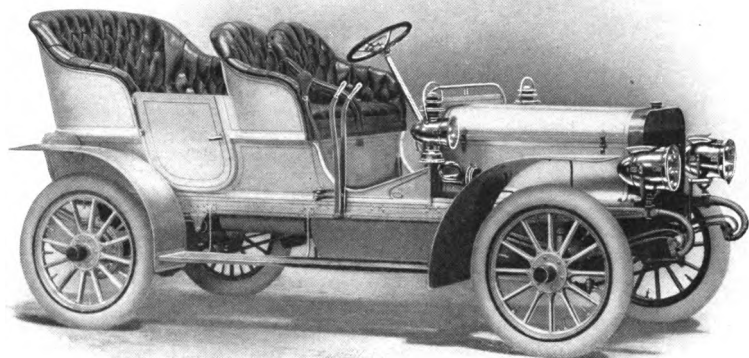
Speeds : Two forward and reverse.

Descriptive catalogue sent upon application to the above-named company

THE WINTON MOTOR CARRIAGE CO., CLEVELAND, OHIO

Price

without top
\$2500



Model : " B. "

Body : Side-entrance tonneau.

Color : Optional.

Seating capacity : Six persons.

Total weight : 2100 pounds.

Wheel base : 102 inches.

Wheel tread : 56½ inches.

Tire dimensions, front : 32 x 4 inches.

Tire dimensions, rear : 32 x 4 inches.

Steering : Screw and nut.

Brakes : Three.

Gasoline capacity : 15 gallons.

Frame : One-piece, channel section,
pressed steel.

Horse-power : 24-30.

Number of cylinders : Four.

Cylinders arranged : Vertical under
bonnet.

Cooling : Water, centrifugal pump.

Ignition : Jump spark, gear - driven
magneto, single non-vibrator coil.

Drive : Longitudinal shaft.

Transmission : Individual clutch.

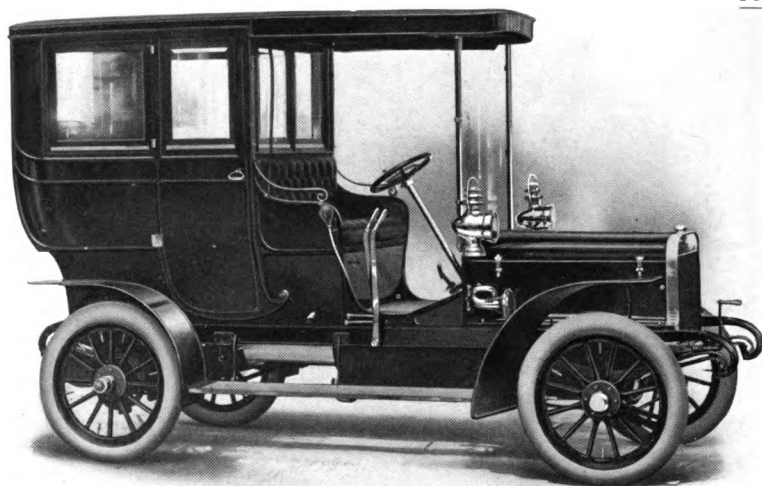
Speeds : Two forward, and reverse.

Descriptive catalogue sent upon application to the above-named company.

THE WINTON MOTOR CARRIAGE CO., CLEVELAND, OHIO

Price

\$3500



Model: "B," LIMOUSINE.

Body: Limousine.

Color: Optional.

Seating capacity: Five to eight persons.

Wheel base: 102 inches.

Wheel tread: 56½ inches.

Tire dimensions, front: 32 x 4 inches.

Tire dimensions, rear: 32 x 4 inches.

Steering: Screw and nut.

Brakes: Three.

Gasoline capacity: 15 gallons.

Frame: One-piece, channel section,
pressed steel.

Horse-power: 24-30.

Number of cylinders: Four.

Cylinders arranged: Vertical under
bonnet.

Cooling: Water, centrifugal pump.

Ignition: Jump spark, gear - driven
magneto, single non-vibrator coil.

Drive: Longitudinal shaft.

Transmission: Individual clutch.

Speeds: Two forward and reverse.

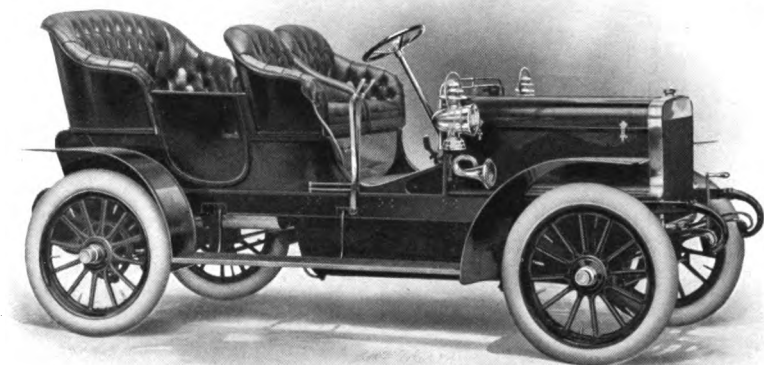
Style of top: Limousine.

Descriptive catalogue sent upon application to the above-named company.

THE WINTON MOTOR CARRIAGE CO., CLEVELAND, OHIO

Price

without top
\$3500



Model: "A."

Body: Side-entrance tonneau.

Color: Optional.

Seating capacity: Six persons.

Total weight: 2400 pounds.

Wheel base: 106 inches.

Wheel tread: 56½ inches.

Tire dimensions, front: 34 x 4½ inches.

Tire dimensions, rear: 34 x 4½ inches.

Steering: Screw and nut.

Brakes: Three.

Gasoline capacity: 15 gallons.

Frame: One piece, channel section, pressed steel.

Horse-power: 40-50.

Number of cylinders: Four.

Cylinders arranged: Vertical under bonnet.

Cooling: Water, centrifugal pump.

Ignition: Jump spark, gear-driven magneto, single non-vibrator coil.

Drive: Longitudinal shaft.

Transmission: Individual clutch.

Speeds: Three forward, and reverse.

Descriptive catalogue sent upon application to the above-named company.

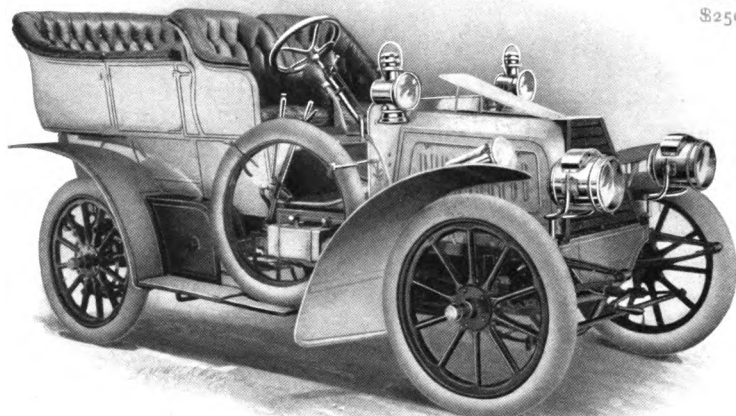
Price

side entrance

\$3000

rear entrance

\$2500



Model : BERG.

Body : Tonneau, wood or aluminum.

Color : Imperial blue with gold striping.

Seating capacity : Five persons.

Total weight : 2200 pounds.

Wheel base : 96 inches.

Wheel tread : 56 inches.

Tire dimensions, front : 34 x 4 inches.

Tire dimensions, rear : 34 x 4 inches.

Steering : Wheel.

Brakes : Hand lever on rear wheels,
foot lever on differential.

Gasoline capacity : 14 gallons.

Frame : Armored wood.

Horse-power : 24.

Number of cylinders : Four.

Cylinders arranged : Vertical in front.

Cooling : Water, with tubular cooler
and water tank.

Ignition : Jump spark.

Drive : Double chain.

Transmission : Sliding gear.

Speeds : Four forward and reverse.

Style of top : Canopy top or hood.

Descriptive catalogue sent upon application to the above-named company.

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GENTLEMEN :—Please send me catalogue describing your automobiles shown in the **HAND BOOK OF GASOLINE AUTOMOBILES**, published by the Association of Licensed Automobile Manufacturers, and oblige,

Name

Street..... City.....

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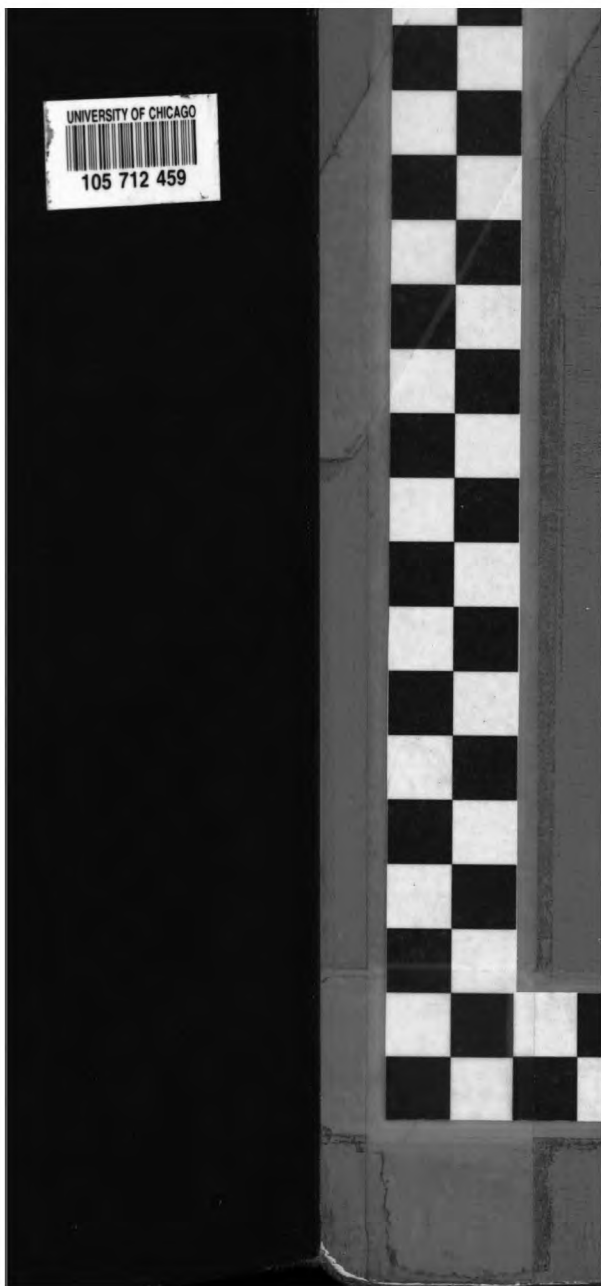
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